

Data File : VW005414.D
Acq On : 15 Sep 2018 05:36
Operator : SY/AP
Sample : J4906-17
Misc : 6.69G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

Quant Time: Sep 15 06:17:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	41878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	60303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	58077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26857	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	19341	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
35) Dibromofluoromethane	7.90	113	16257	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.33	98	75992	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	38590	67.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	42	Below Cal	#	42
5) Bromomethane	2.77	94	45	Below Cal	#	4
10) Methyl Iodide	4.29	142	123	4.300	ug/l #	62
16) Acetone	4.13	43	6169	86.933	ug/l	91
20) Methylene Chloride	4.93	84	3369	2.340	ug/l	93
25) 2-Butanone	7.18	43	648	6.197	ug/l #	49
31) Cyclohexane	7.95	56	1104	1.591	ug/l #	40
36) 1,1-Dichloropropene	7.96	75	3534	6.192	ug/l #	49
37) Ethyl Acetate	7.18	43	648	2.792	ug/l #	68
38) Carbon Tetrachloride	7.96	117	4186	7.039	ug/l #	16
39) Methylcyclohexane	9.35	83	4276	6.448	ug/l	96
48) Methyl methacrylate	9.48	41	266	1.177	ug/l #	13
51) 4-Methyl-2-Pentanone	10.32	43	5397	23.147	ug/l #	59
55) 1,1,2-Trichloroethane	10.77	97	30561	105.827	ug/l #	21
56) Ethyl methacrylate	10.67	69	11959	32.718	ug/l #	1
59) 2-Hexanone	10.94	43	89638	564.389	ug/l #	32
60) Dibromochloromethane	10.94	129	584	1.681	ug/l	61
61) 1,2-Dibromoethane	11.22	107	312	1.205	ug/l #	1
73) Isopropylbenzene	12.47	105	46979	24.933	ug/l	97
74) N-amyl acetate	12.26	43	117499	295.931	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.70	83	8032	29.221	ug/l #	78
76) 1,2,3-Trichloropropane	12.81	75	1005	4.550	ug/l #	100
78) n-propylbenzene	12.81	91	105262	46.289	ug/l	100
79) 2-Chlorotoluene	13.08	91	3822	2.849	ug/l	83
80) 1,3,5-Trimethylbenzene	13.11	105	3942	2.398	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.47	75	1029	12.084	ug/l #	4
82) 4-Chlorotoluene	13.08	91	3822	2.699	ug/l	83
83) tert-Butylbenzene	13.21	119	13740	10.062	ug/l	83
84) 1,2,4-Trimethylbenzene	13.11	105	3942	2.362	ug/l	76
85) sec-Butylbenzene	13.39	105	74469	37.742	ug/l #	74
86) p-Isopropyltoluene	13.51	119	3653	2.070	ug/l #	65
89) n-Butylbenzene	13.83	91	80785	49.166	ug/l #	84
90) Hexachloroethane	14.11	117	26407	87.343	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.51	75	772	14.624	ug/l #	16

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

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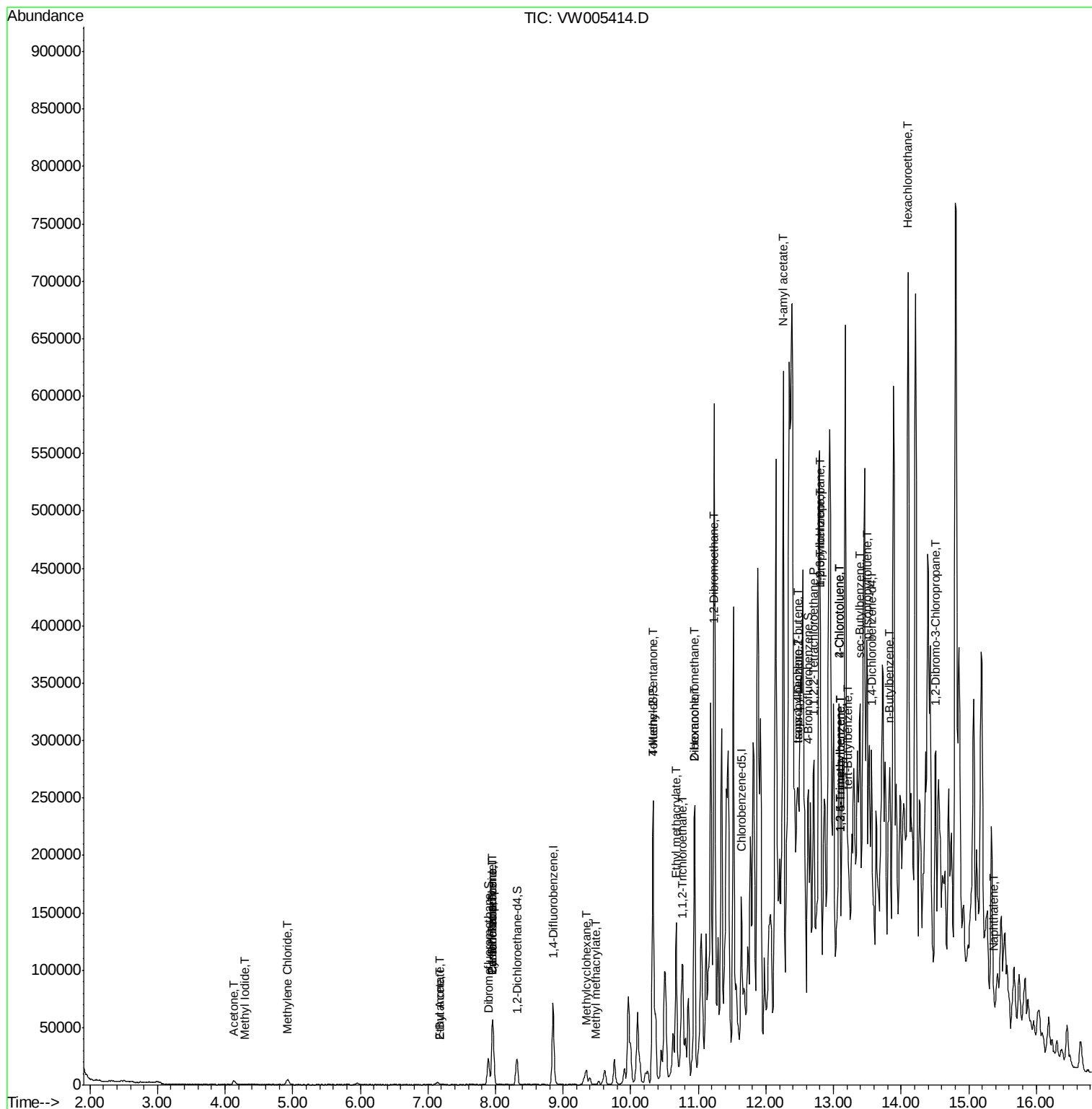
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	1418	1.615	ug/l #	68

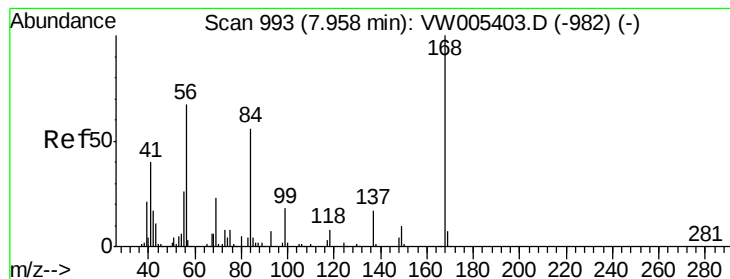
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampled :

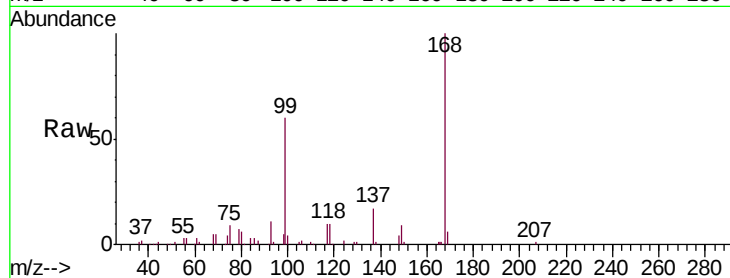
SP-PIT-9

Tgt Ion:168 Resp: 41878

Ion Ratio Lower Upper

168 100

99 59.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

20000

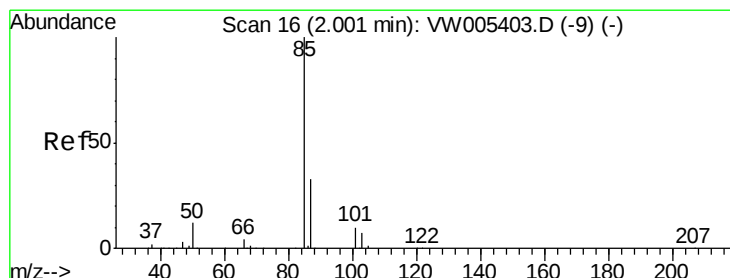
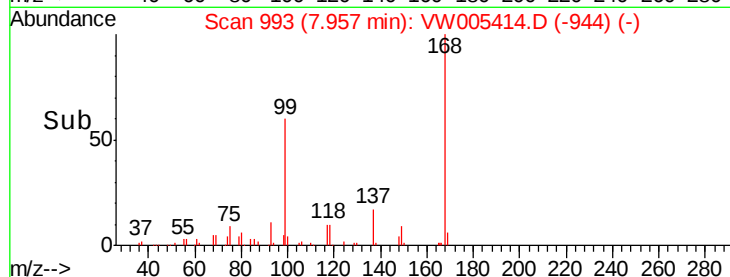
15000

10000

5000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005414.D

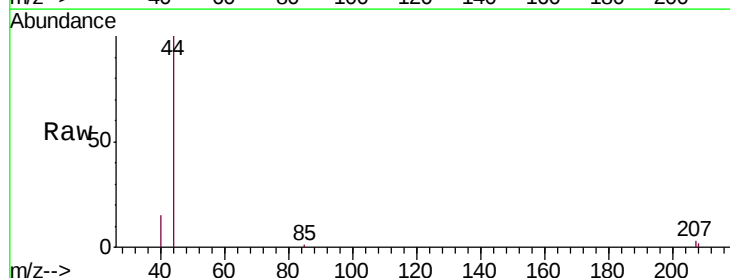
Acq: 15 Sep 2018 05:36

Tgt Ion: 85 Resp: 42

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

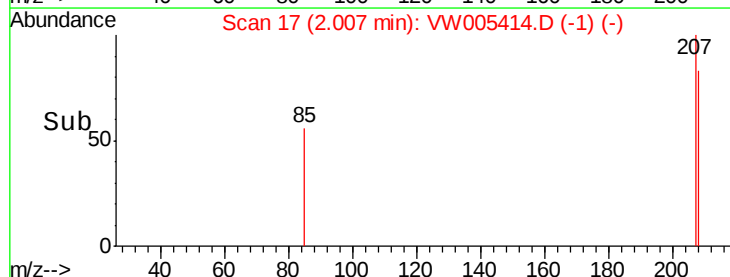
60

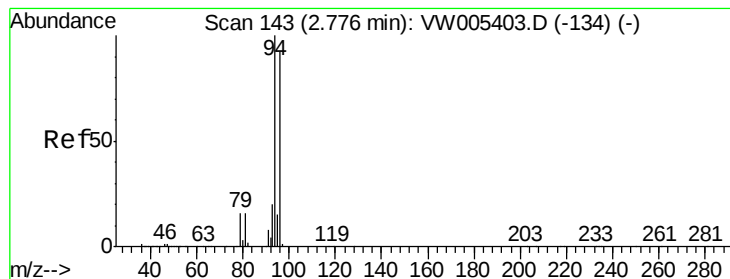
40

20

0

Time--> 1.98 2.00 2.02





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

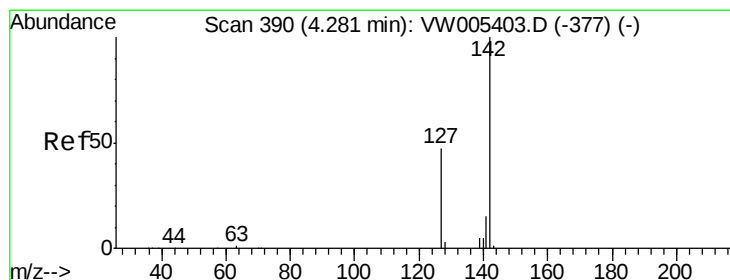
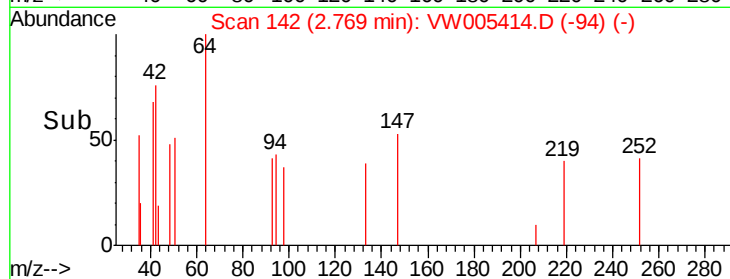
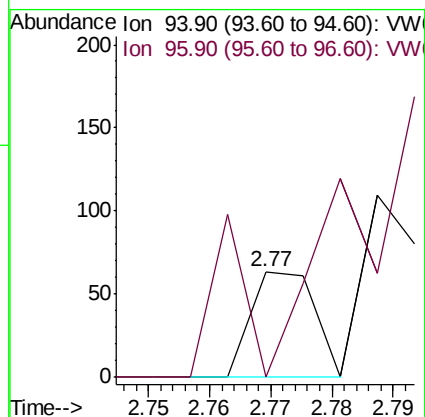
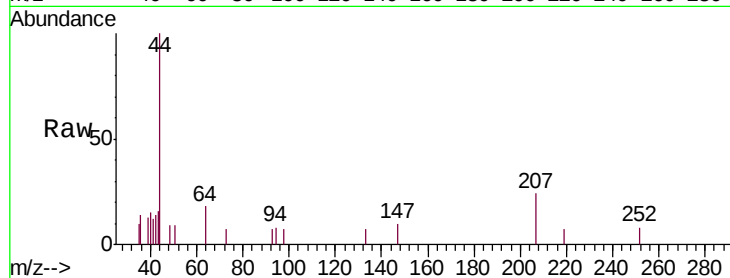
SP-PIT-9

Tgt Ion: 94 Resp: 45

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#



#10

Methyl Iodide

Concen: 4.300 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

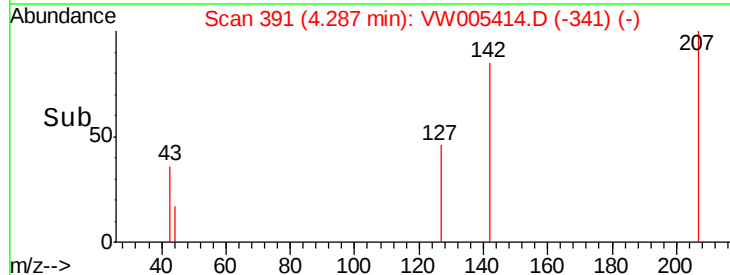
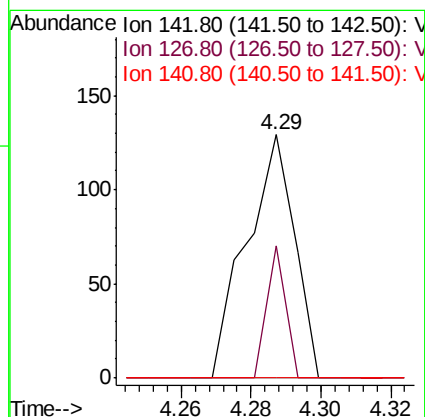
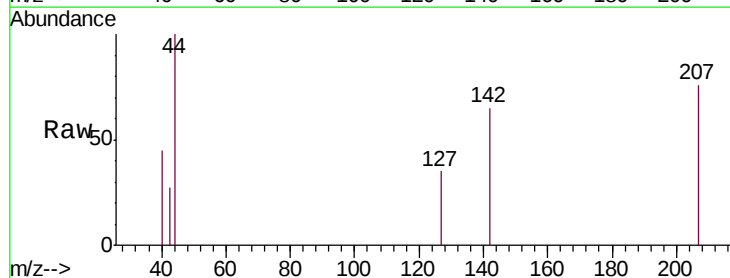
Tgt Ion: 142 Resp: 123

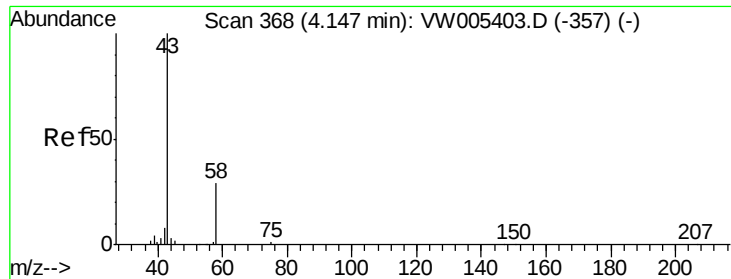
Ion Ratio Lower Upper

142 100

127 21.1 37.5 56.3#

141 0.0 12.4 18.6#





#16

Acetone

Concen: 86.933 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

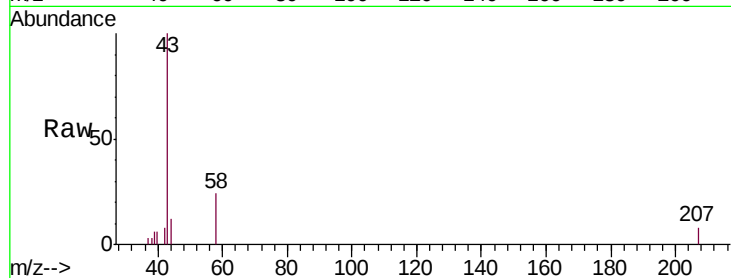
SP-PIT-9

Tgt Ion: 43 Resp: 6169

Ion Ratio Lower Upper

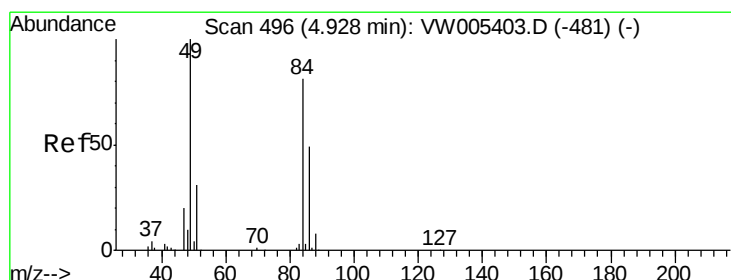
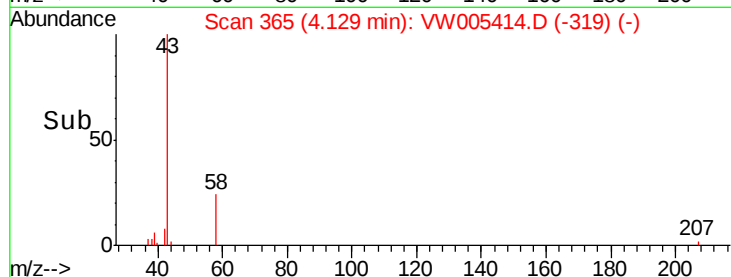
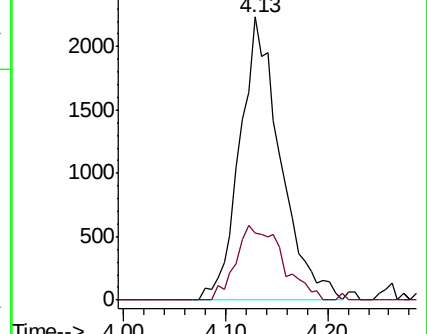
43 100

58 23.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.340 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Tgt Ion: 84 Resp: 3369

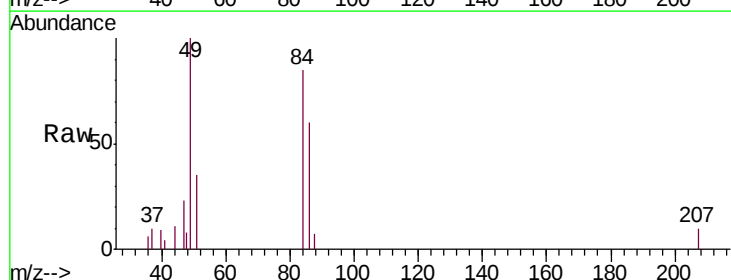
Ion Ratio Lower Upper

84 100

49 118.0 99.3 148.9

51 41.1 31.1 46.7

86 70.3 49.1 73.7

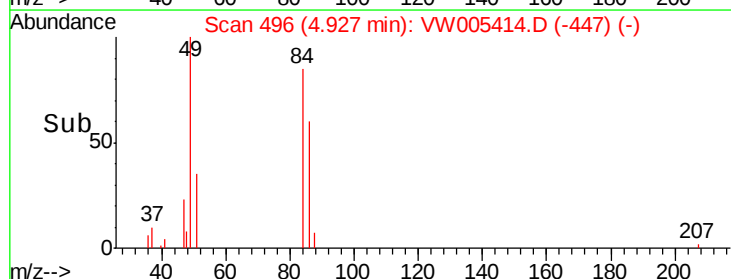
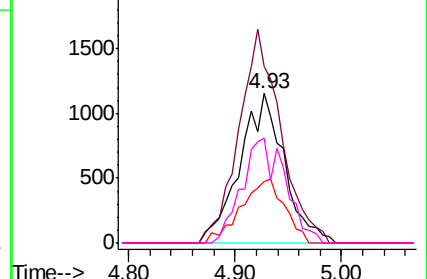


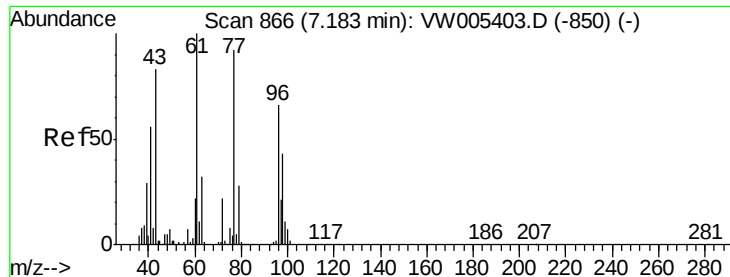
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 6.197 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampled :

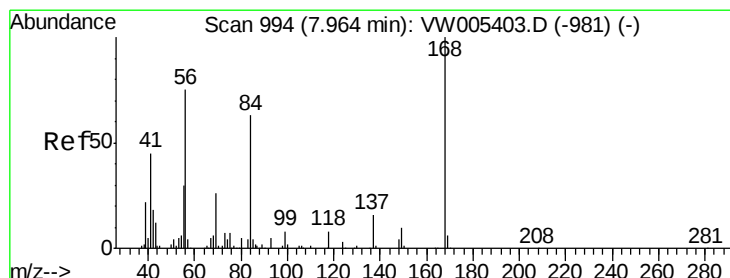
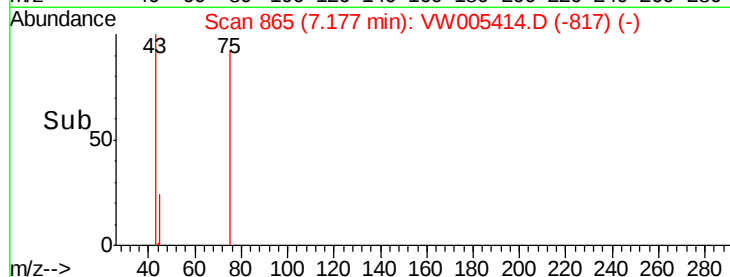
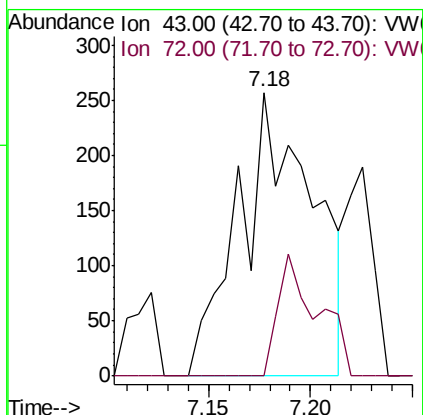
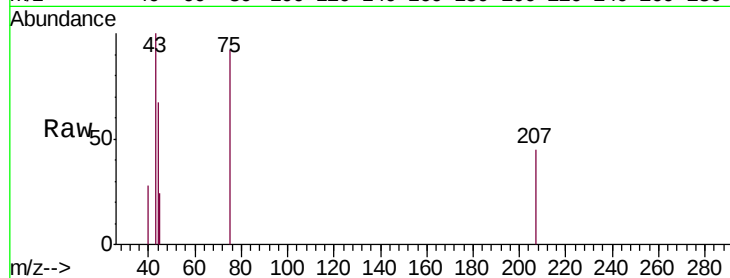
SP-PIT-9

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.591 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

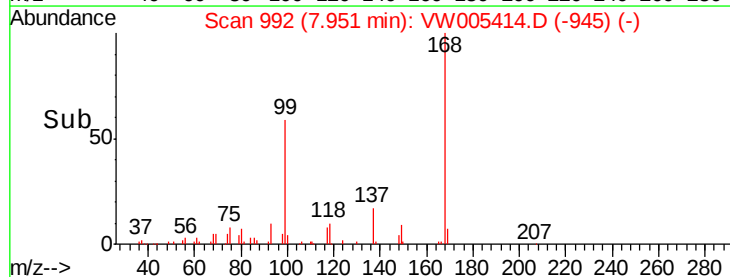
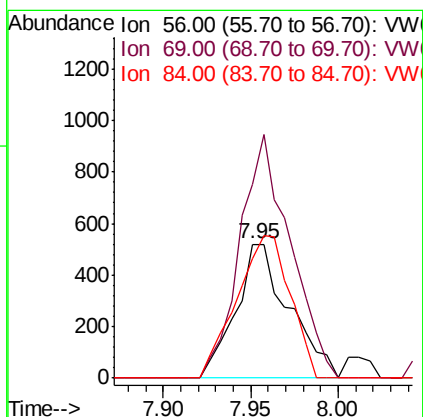
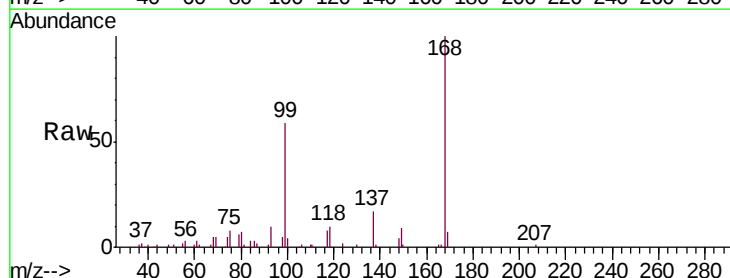
Tgt Ion: 56 Resp: 1104

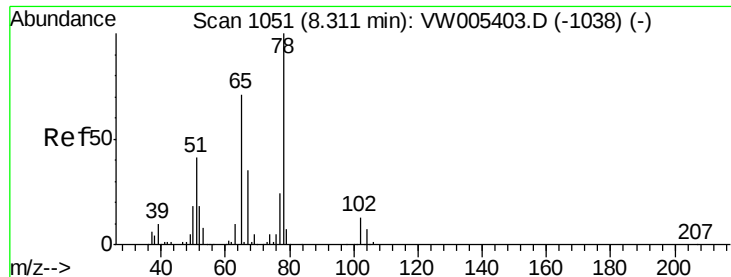
Ion Ratio Lower Upper

56 100

69 144.6 27.2 40.8#

84 88.8 66.7 100.1

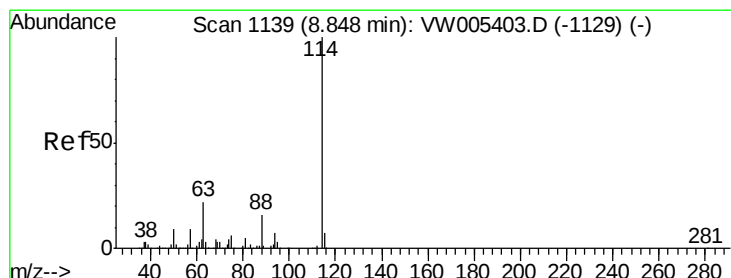
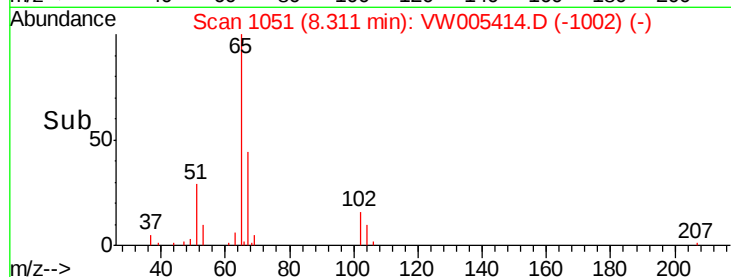
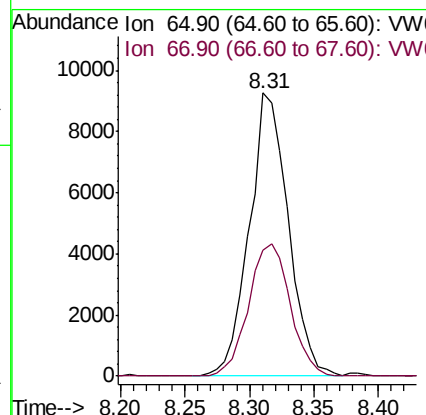
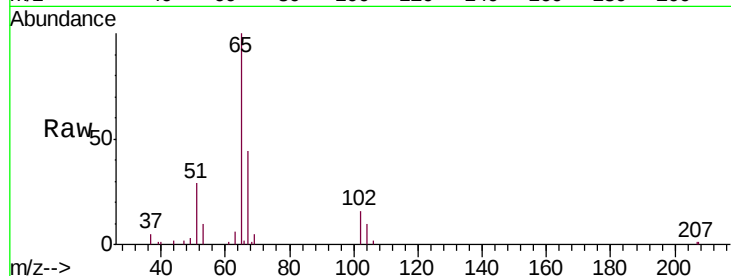




#33
 1,2-Dichloroethane-d4
 Concen: 44.493 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

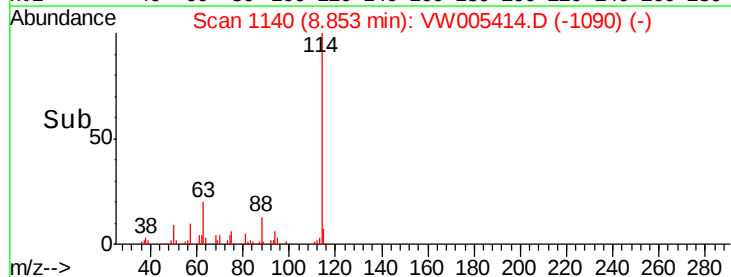
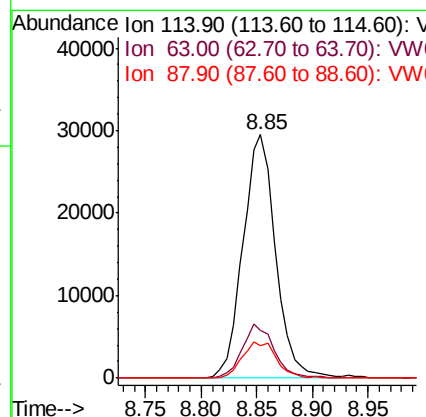
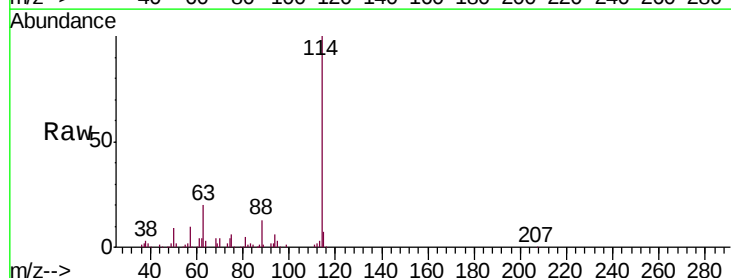
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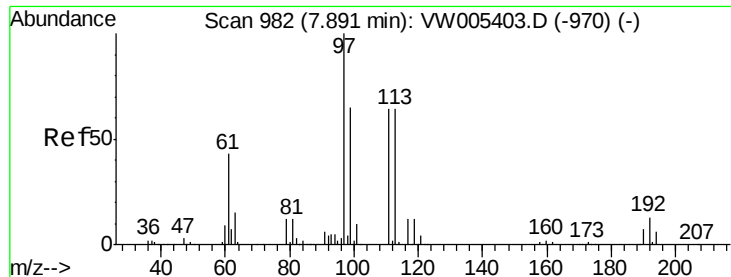
Tgt Ion: 65 Resp: 19341
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Tgt Ion: 114 Resp: 60303
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.4
 88 13.4 0.0 31.8

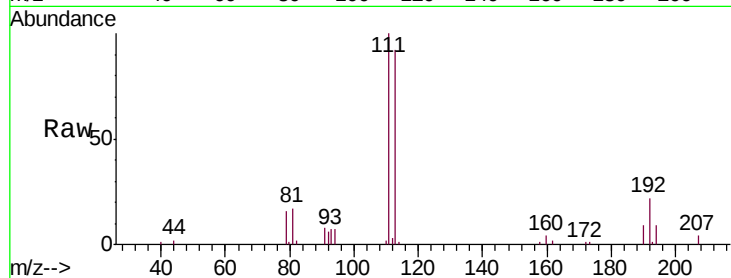




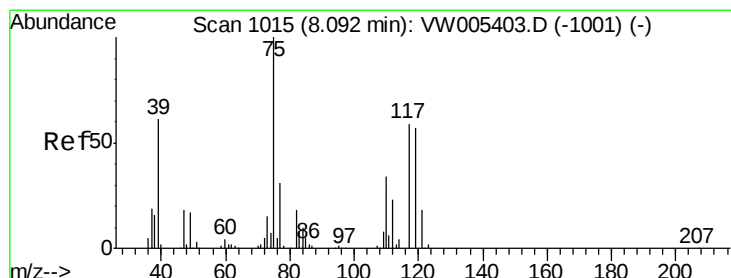
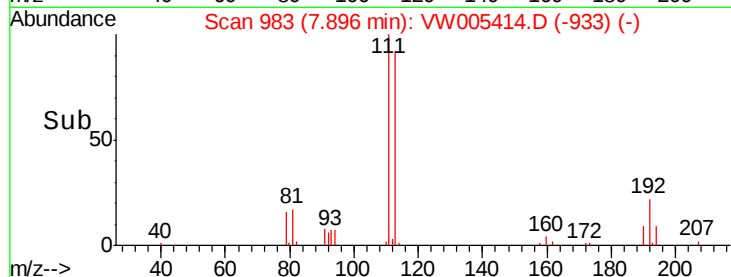
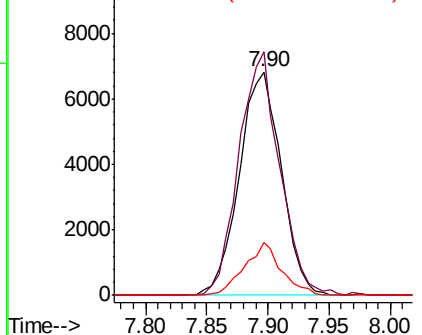
#35
 Dibromofluoromethane
 Concen: 48.082 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-9

Tgt Ion:113 Resp: 16257
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.3 123.5
 192 20.8 16.5 24.7

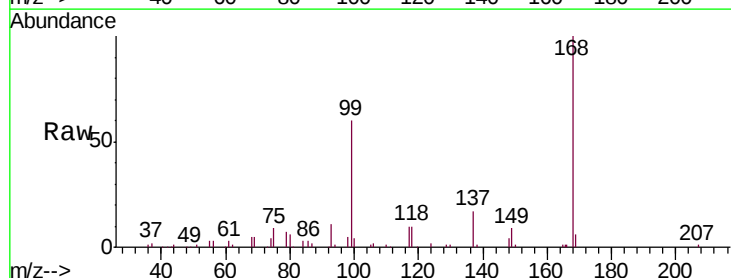


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

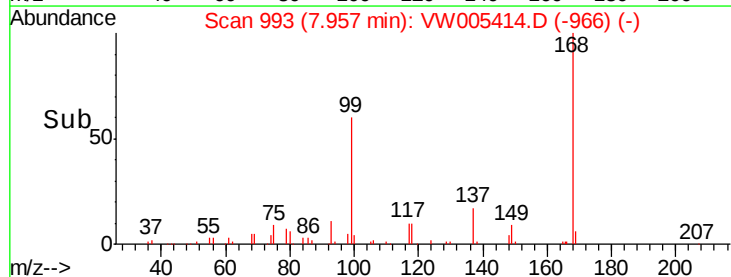
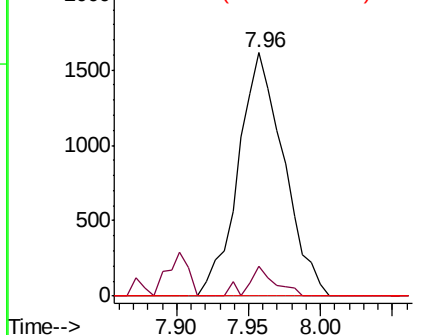


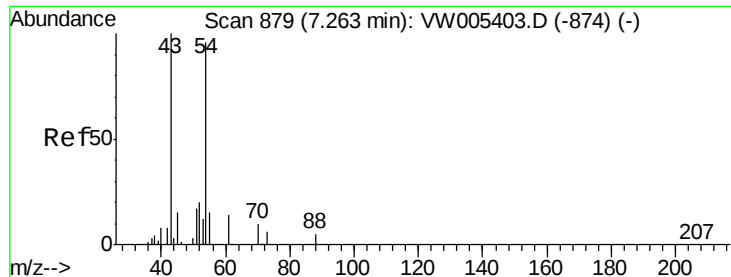
#36
 1,1-Dichloropropene
 Concen: 6.192 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Tgt Ion: 75 Resp: 3534
 Ion Ratio Lower Upper
 75 100
 110 7.2 16.8 50.4#
 77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 2.792 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.09 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-9

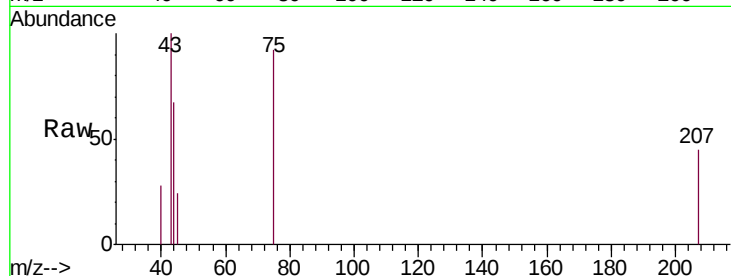
Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

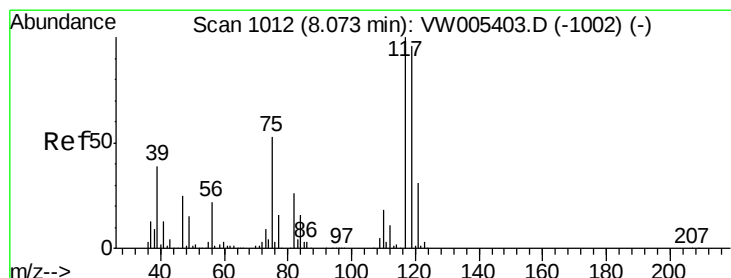
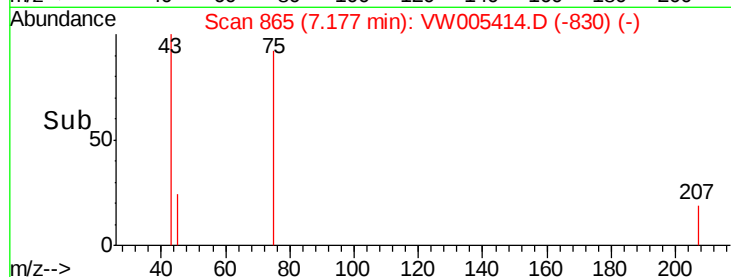
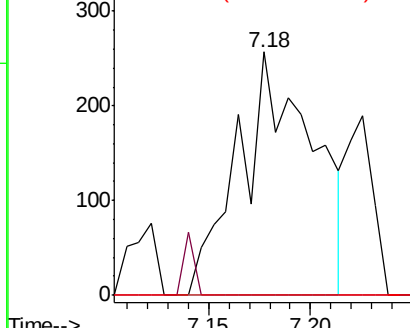
43 100

61 0.0 11.3 16.9#

70 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 7.039 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.11 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

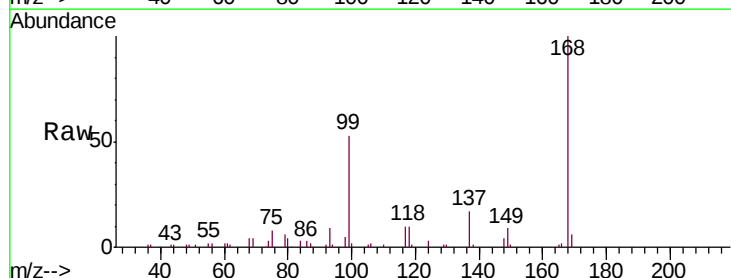
Tgt Ion: 117 Resp: 4186

Ion Ratio Lower Upper

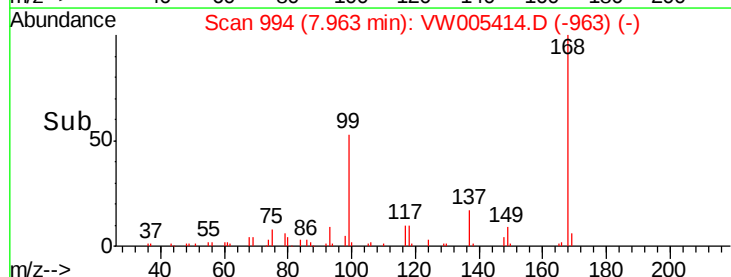
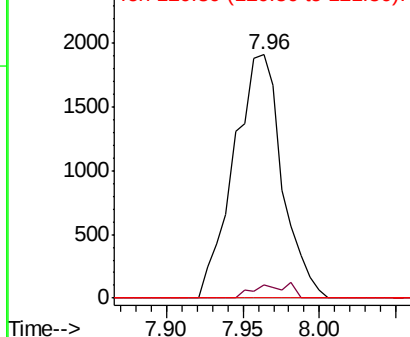
117 100

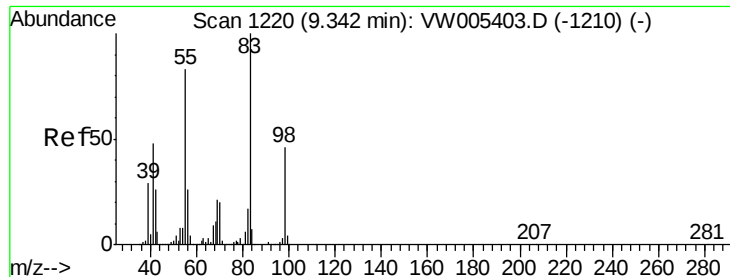
119 5.5 76.8 115.2#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

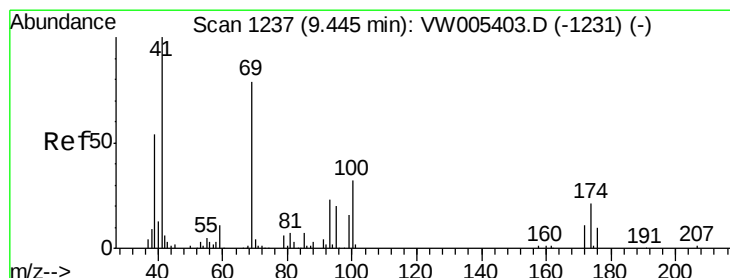
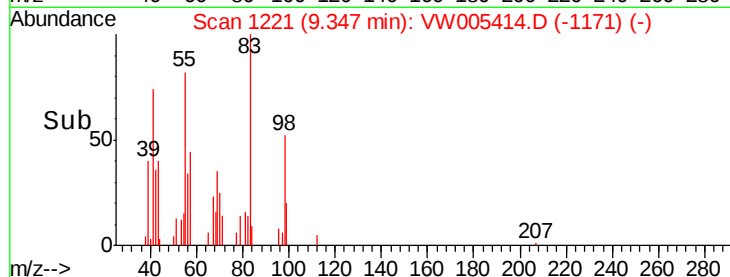
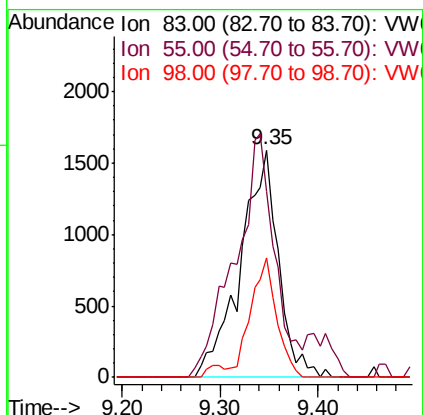
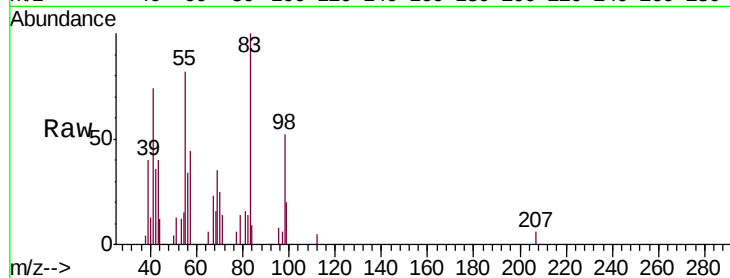




#39
Methylcyclohexane
Concen: 6.448 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

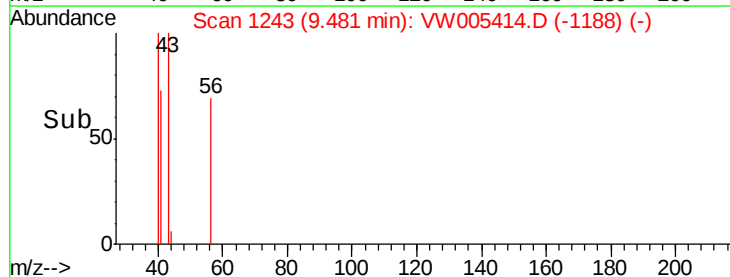
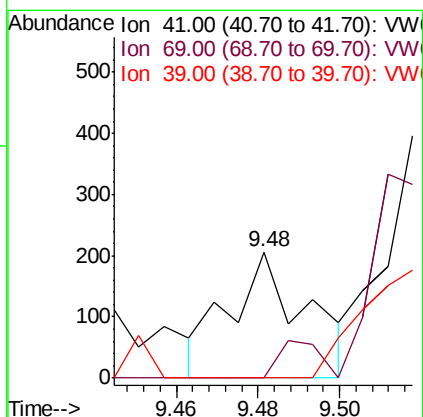
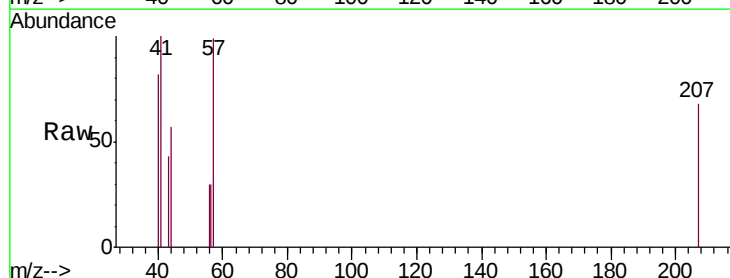
Instrument :
MSVOA_W
ClientSampled :
SP-PIT-9

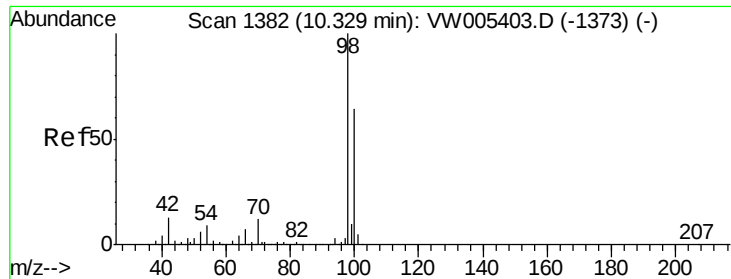
Tgt Ion: 83 Resp: 4276
Ion Ratio Lower Upper
83 100
55 82.1 66.1 99.1
98 52.3 36.7 55.1



#48
Methyl methacrylate
Concen: 1.177 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.04 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 41 Resp: 266
Ion Ratio Lower Upper
41 100
69 0.0 67.5 101.3#
39 0.0 45.5 68.3#

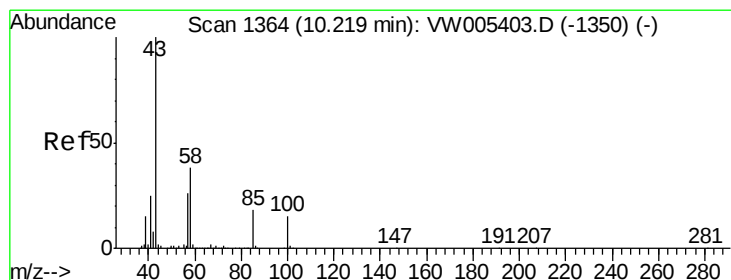
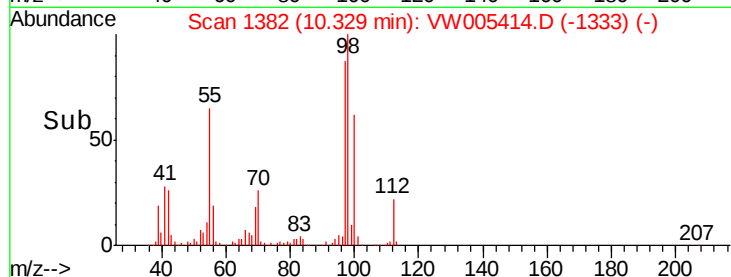
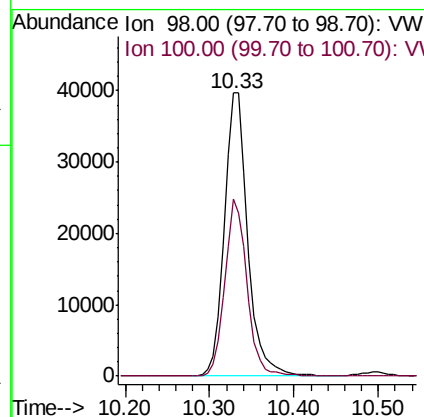
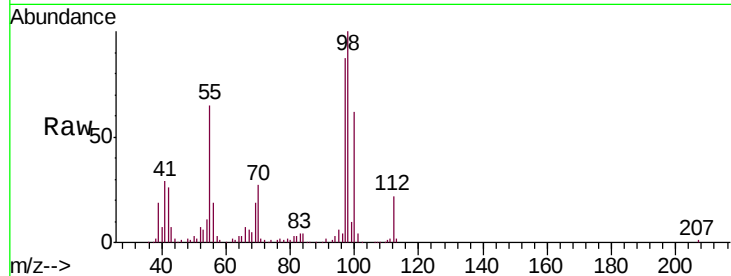




#50
Toluene-d8
Concen: 49.078 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

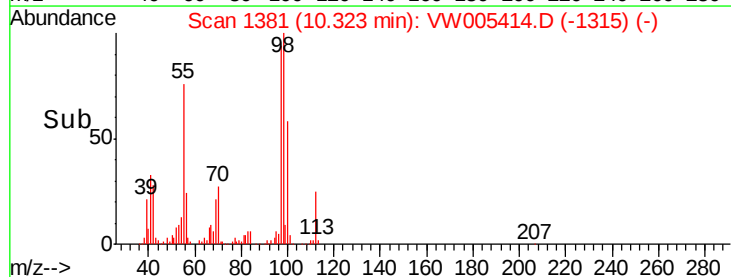
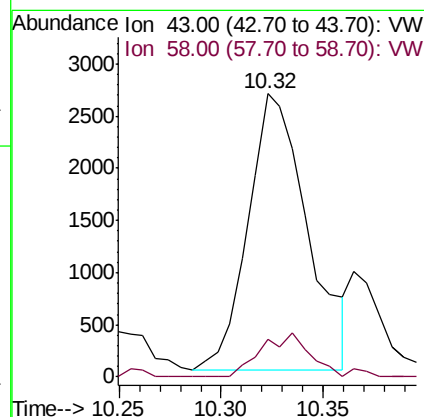
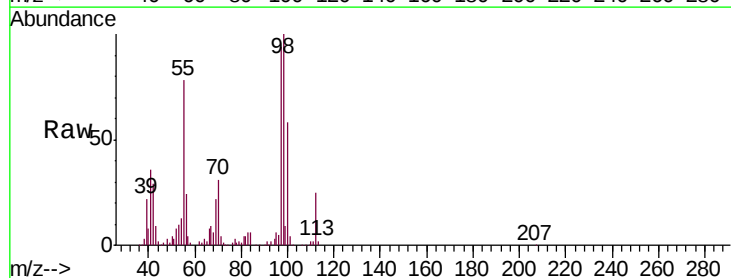
Instrument :
MSVOA_W
ClientSampled :
SP-PIT-9

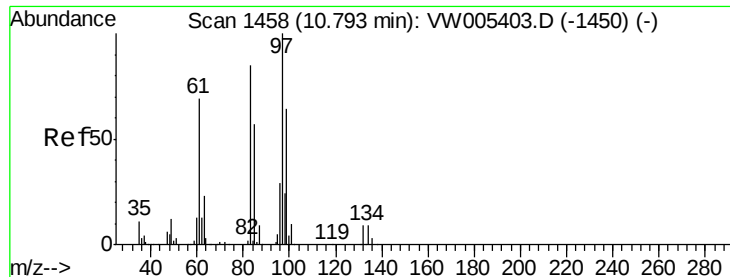
Tgt Ion: 98 Resp: 75992
Ion Ratio Lower Upper
98 100
100 59.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 23.147 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.10 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 43 Resp: 5397
Ion Ratio Lower Upper
43 100
58 12.9 29.9 44.9#





#55

1,1,2-Trichloroethane

Concen: 105.827 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampled :

SP-PIT-9

Tgt Ion: 97 Resp: 30561

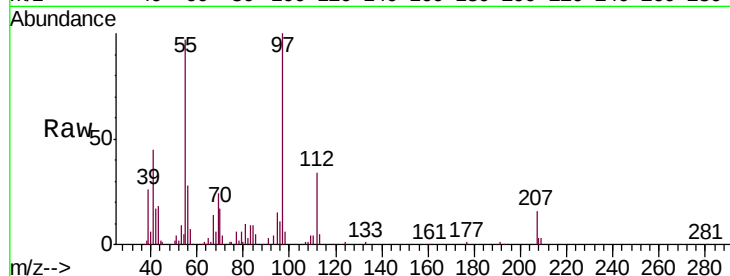
Ion Ratio Lower Upper

97 100

83 8.8 67.8 101.8#

85 5.2 45.4 68.0#

99 0.0 51.5 77.3#

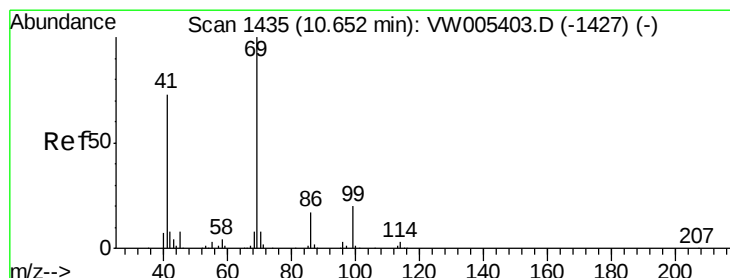
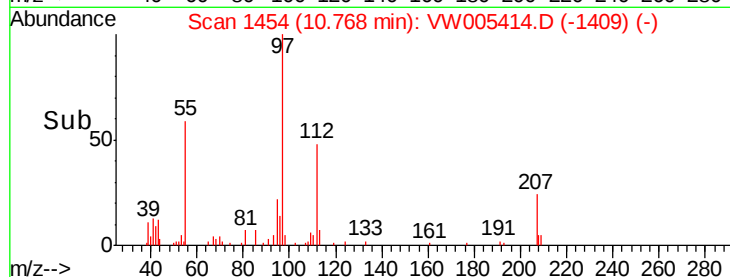
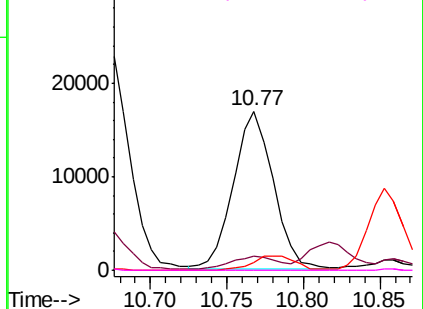


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 32.718 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

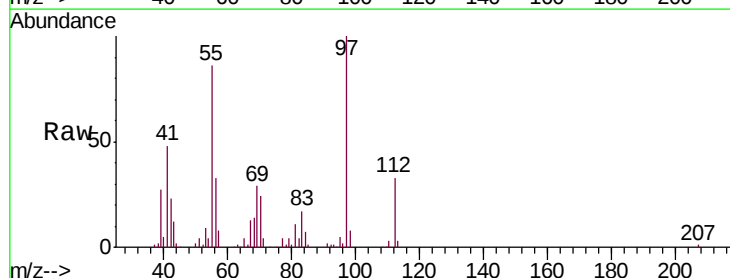
Tgt Ion: 69 Resp: 11959

Ion Ratio Lower Upper

69 100

41 166.0 59.3 88.9#

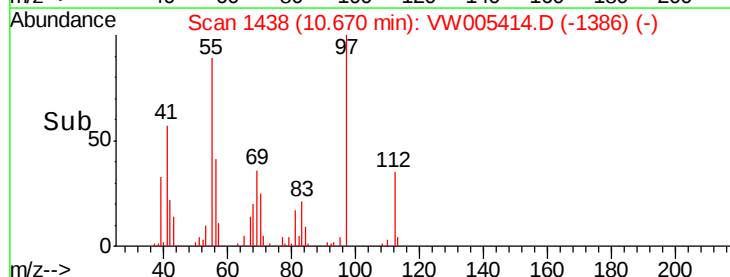
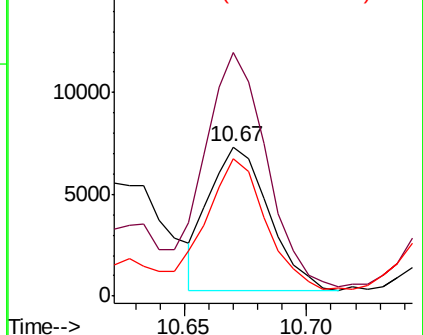
39 91.8 30.2 45.4#

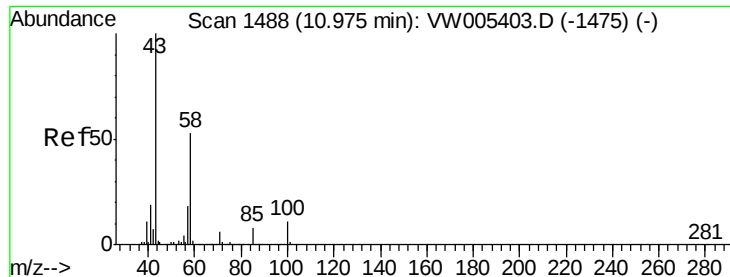


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

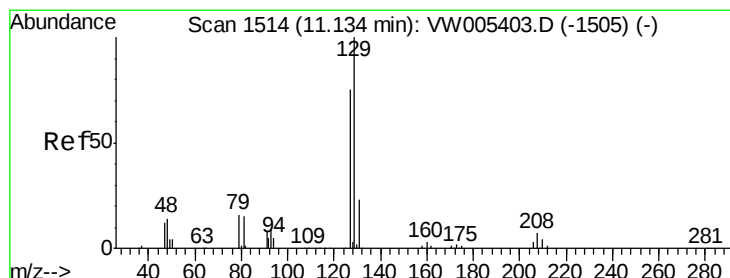
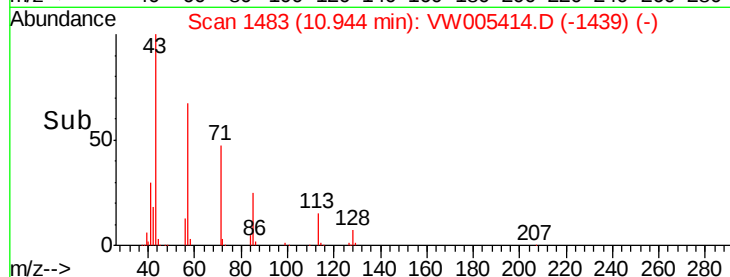
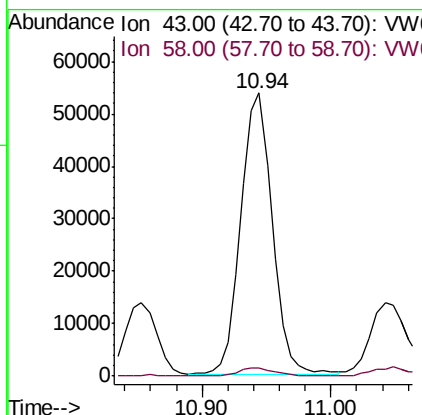
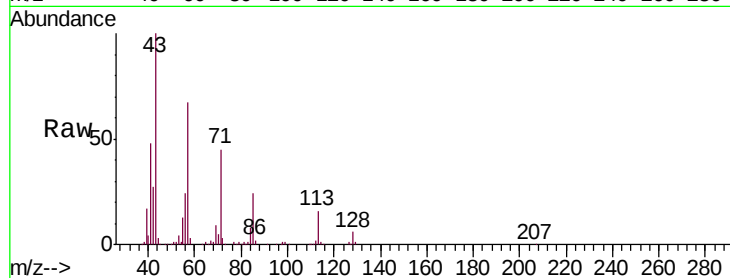




#59
2-Hexanone
Concen: 564.389 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

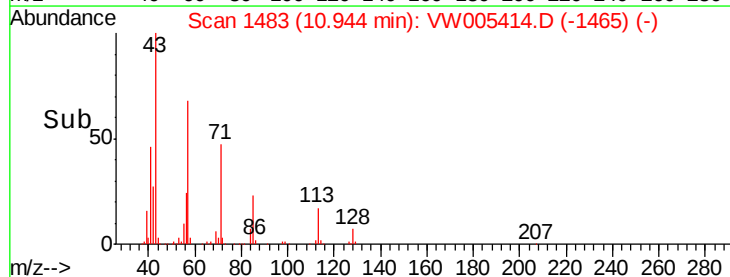
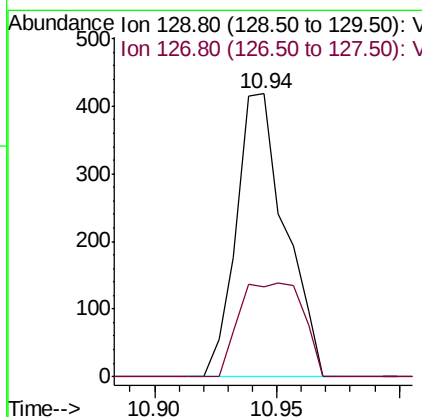
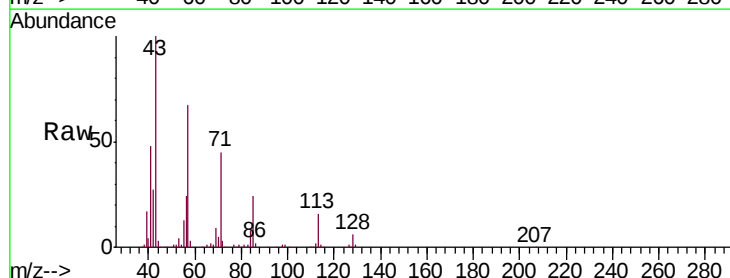
Instrument :
MSVOA_W
ClientSampled :
SP-PIT-9

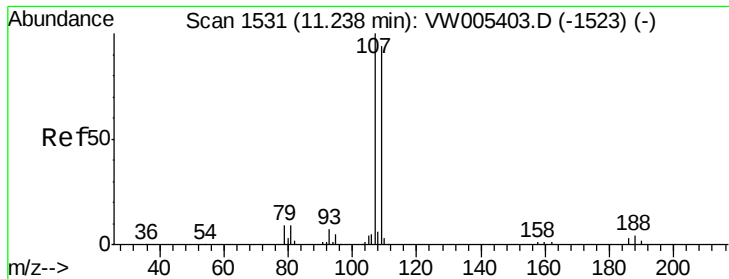
Tgt Ion: 43 Resp: 89638
Ion Ratio Lower Upper
43 100
58 3.6 25.5 76.5#



#60
Dibromochloromethane
Concen: 1.681 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.19 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 129 Resp: 584
Ion Ratio Lower Upper
129 100
127 42.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 1.205 ug/l

RT: 11.22 min Scan# 1528

Delta R.T. -0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

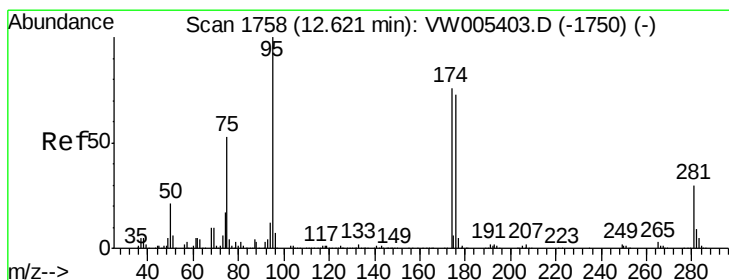
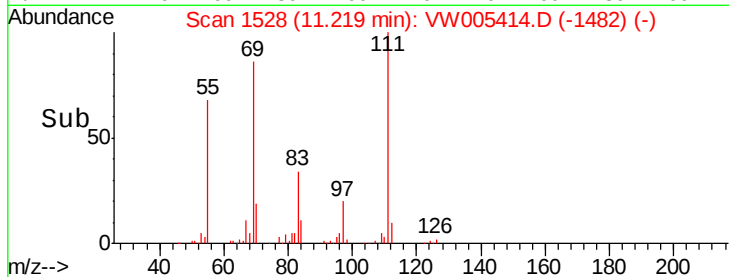
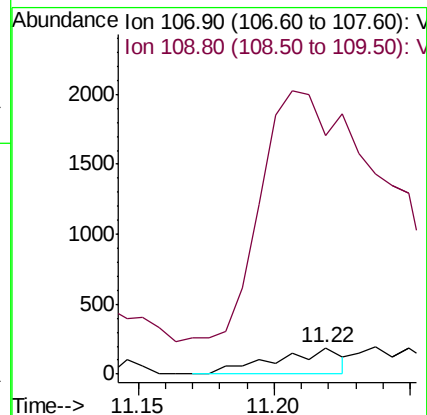
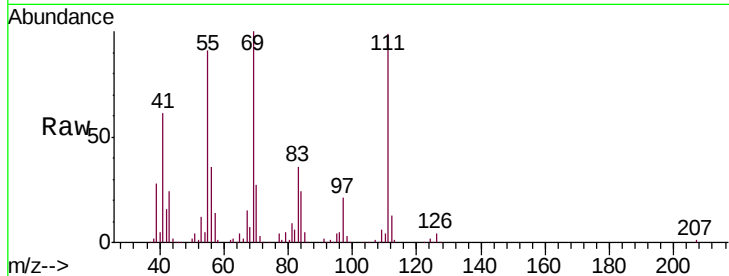
SP-PIT-9

Tgt Ion: 107 Resp: 312

Ion Ratio Lower Upper

107 100

109 1761.9 75.0 112.6#



#62

4-Bromofluorobenzene

Concen: 67.971 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

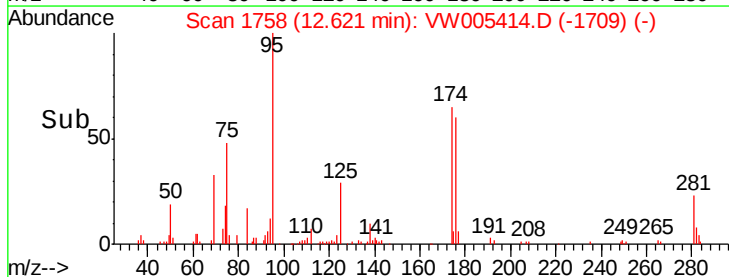
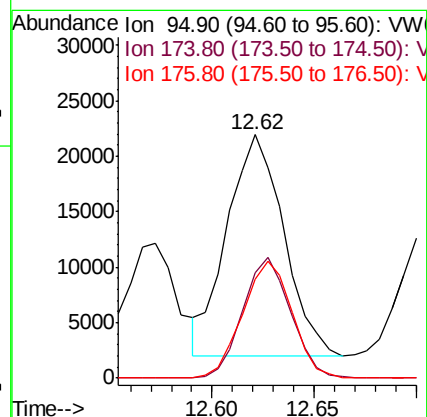
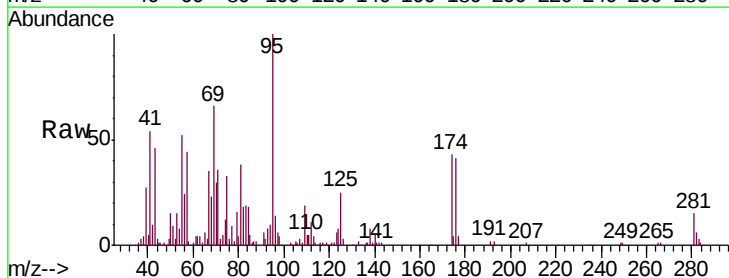
Tgt Ion: 95 Resp: 38590

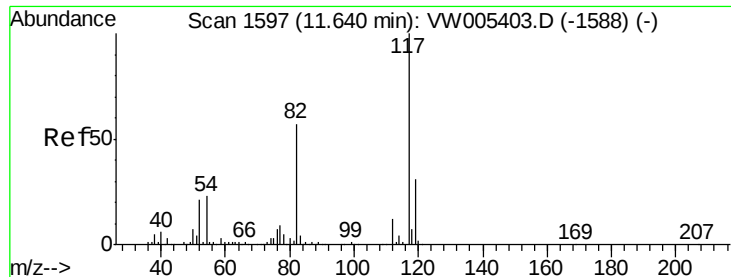
Ion Ratio Lower Upper

95 100

174 46.1 0.0 161.2

176 45.8 0.0 156.6

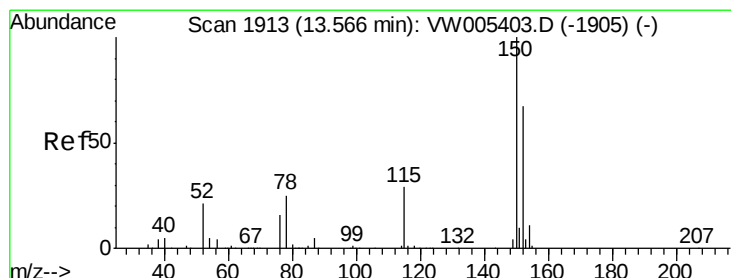
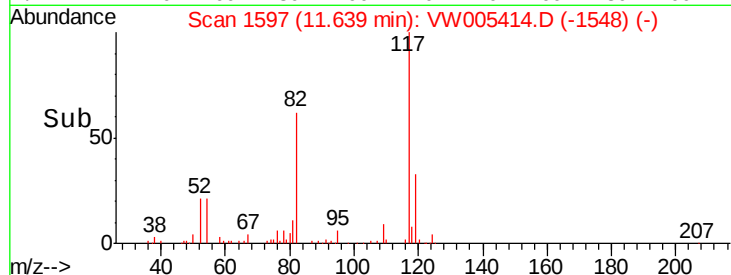
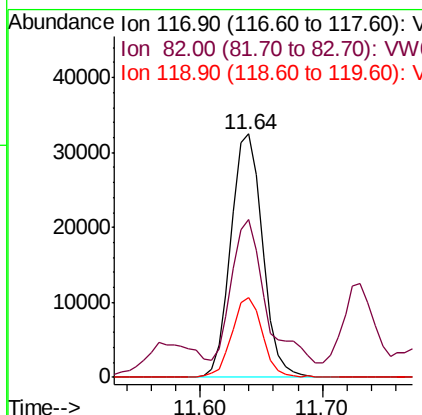
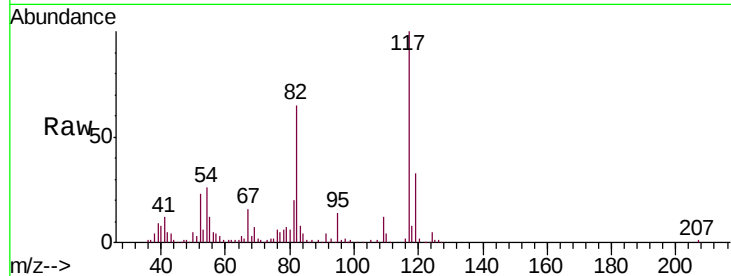




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

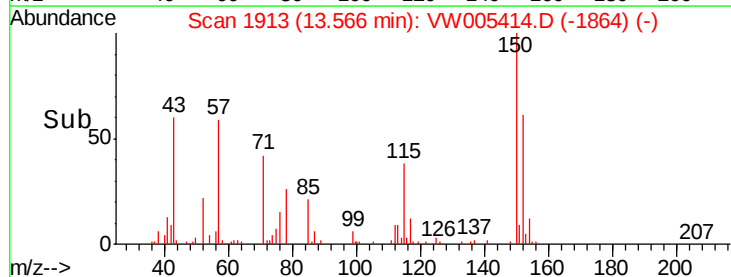
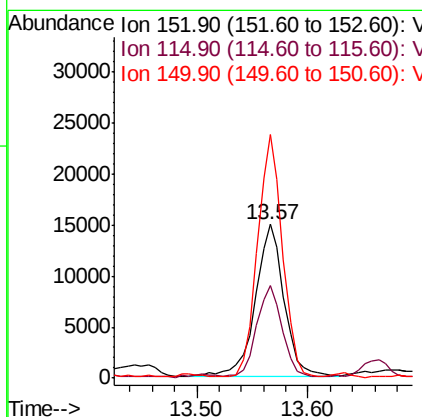
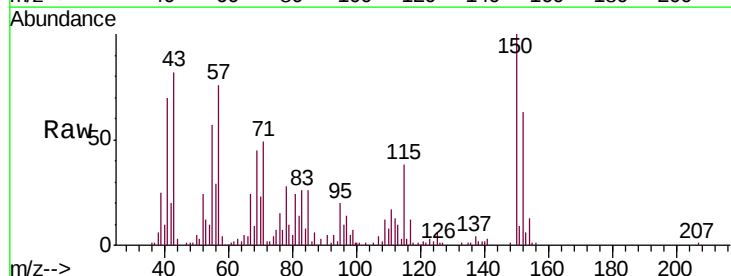
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

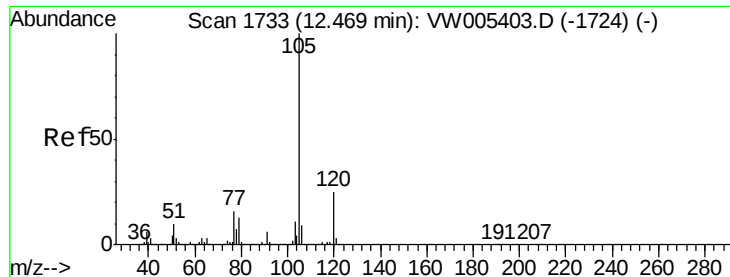
Tgt Ion:117 Resp: 58077
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion:152 Resp: 26857
Ion Ratio Lower Upper
152 100
115 53.0 29.5 88.5
150 137.4 0.0 345.6





#73

Isopropylbenzene

Concen: 24.933 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

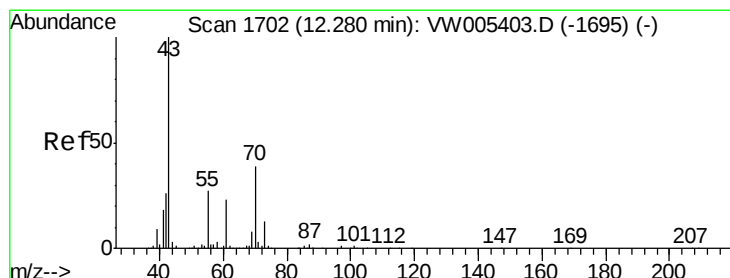
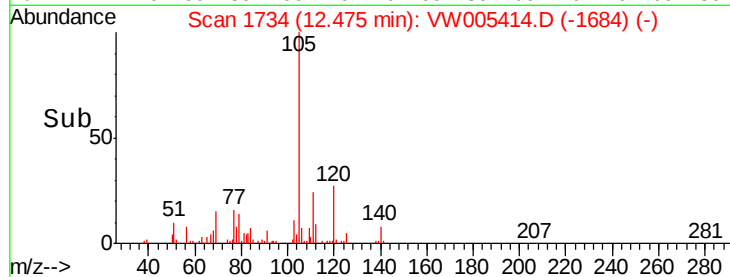
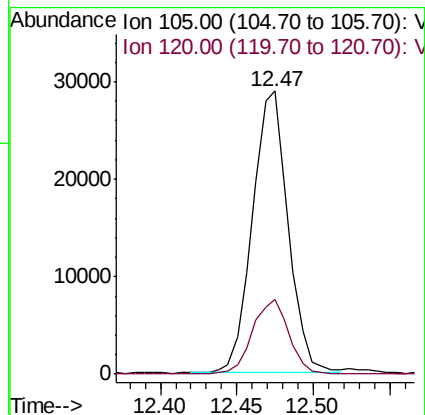
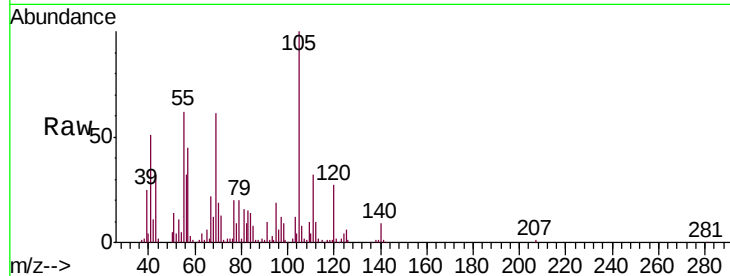
SP-PIT-9

Tgt Ion:105 Resp: 46979

Ion Ratio Lower Upper

105 100

120 27.0 12.9 38.6



#74

N-ethyl acetate

Concen: 295.931 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Tgt Ion: 43 Resp: 117499

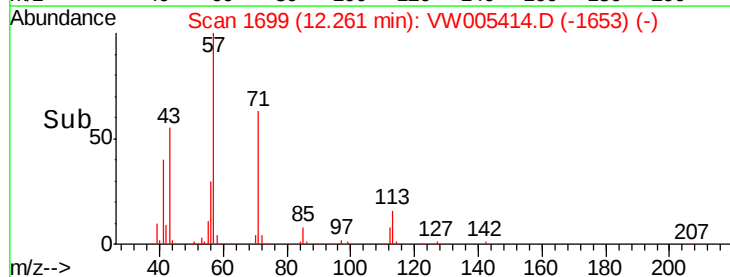
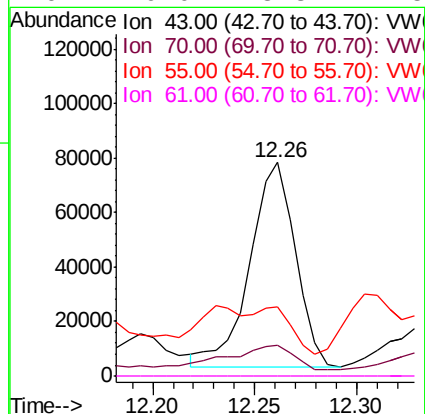
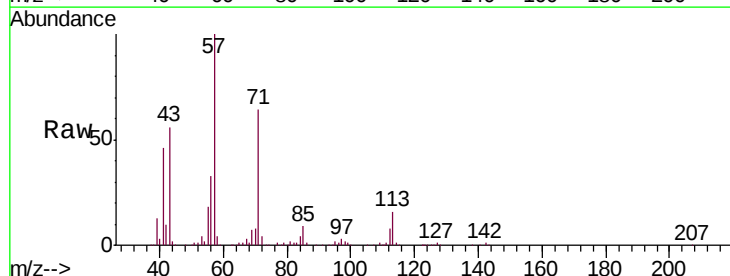
Ion Ratio Lower Upper

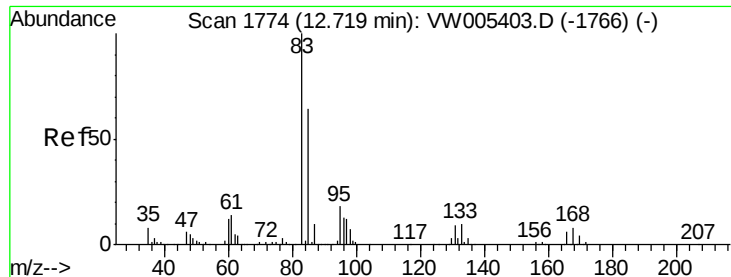
43 100

70 17.9 31.9 47.9#

55 0.0 21.4 32.0#

61 0.0 18.3 27.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 29.221 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-9

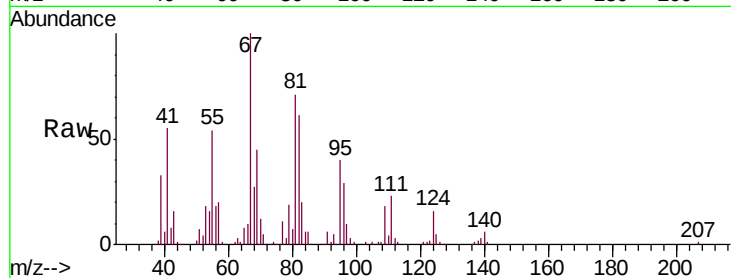
Tgt Ion: 83 Resp: 8032

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

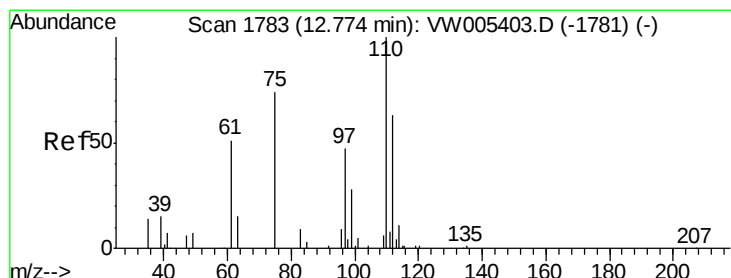
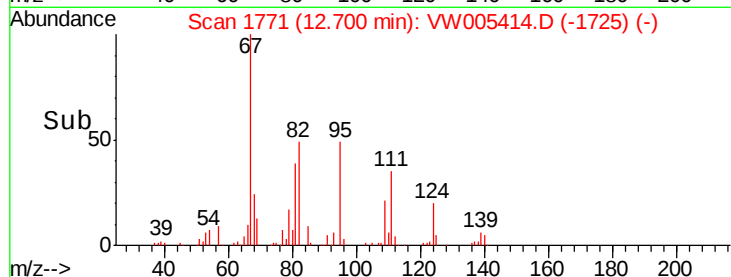
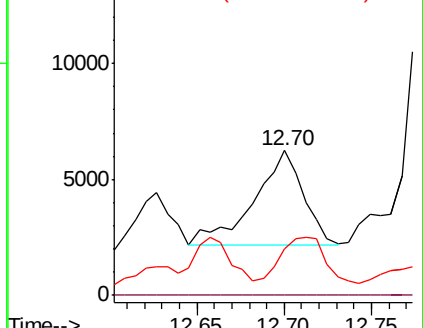
85 47.6 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 4.550 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW005414.D

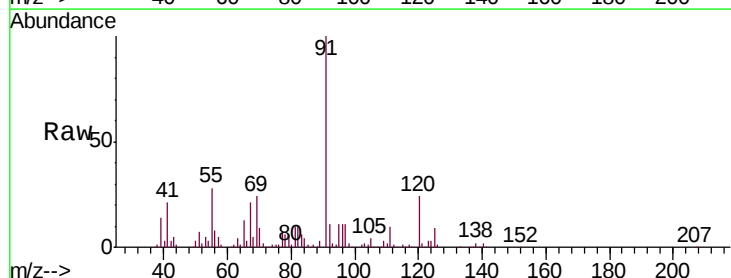
Acq: 15 Sep 2018 05:36

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

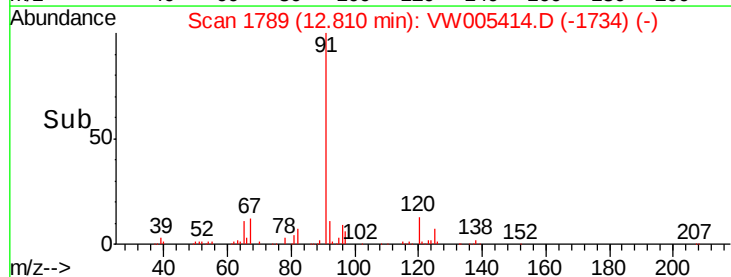
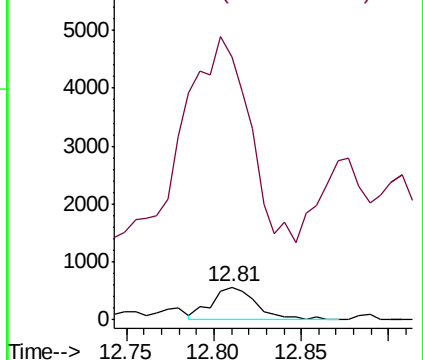
75 100

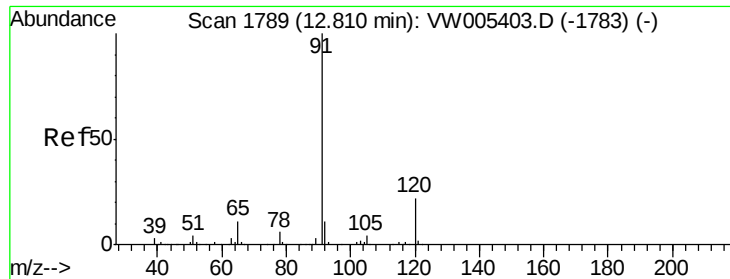
77 990.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

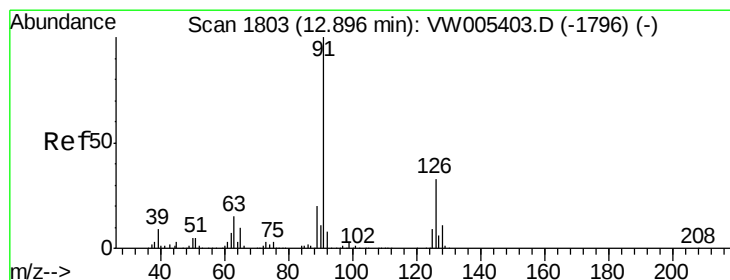
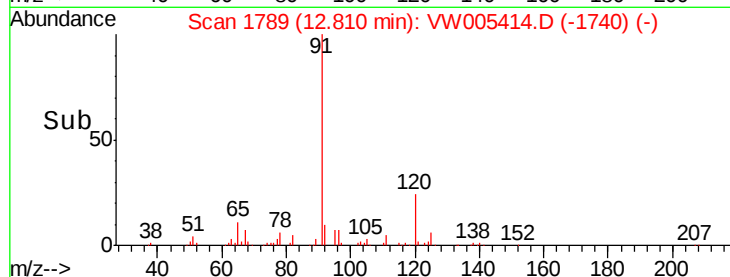
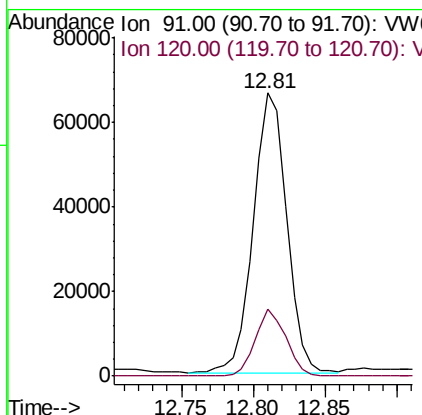
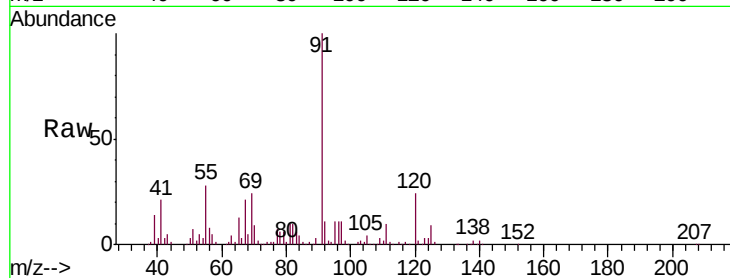




#78
n-propylbenzene
Concen: 46.289 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

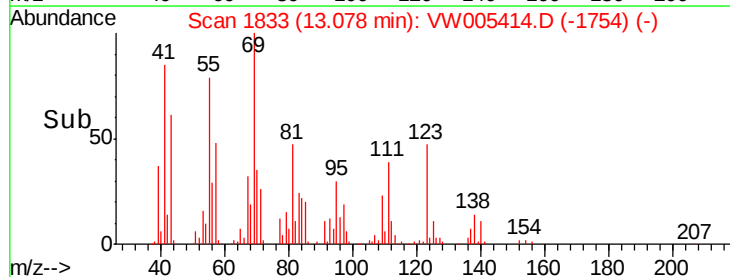
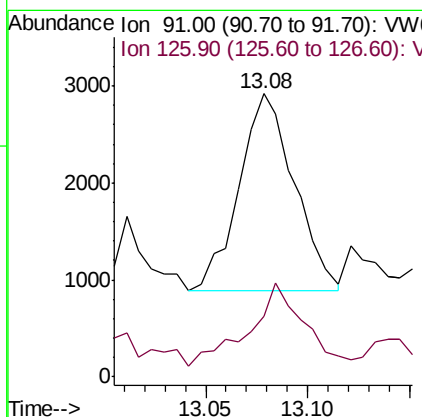
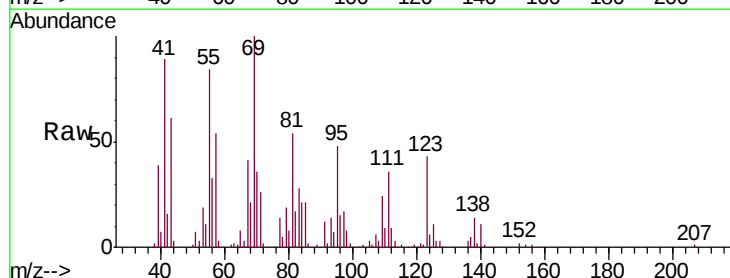
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

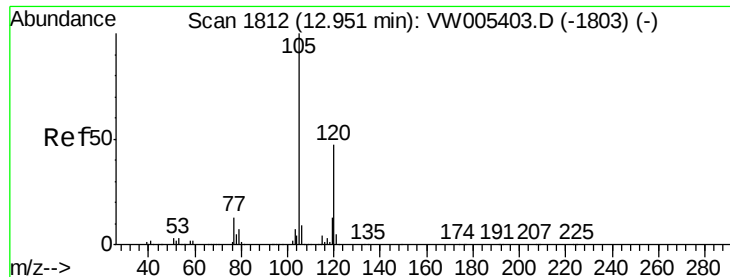
Tgt Ion: 91 Resp: 105262
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8



#79
2-Chlorotoluene
Concen: 2.849 ug/l
RT: 13.08 min Scan# 1833
Delta R.T. 0.18 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 91 Resp: 3822
Ion Ratio Lower Upper
91 100
126 42.2 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 2.398 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

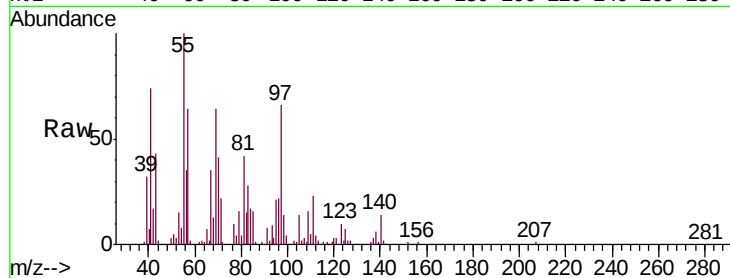
SP-PIT-9

Tgt Ion:105 Resp: 3942

Ion Ratio Lower Upper

105 100

120 28.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000

1500

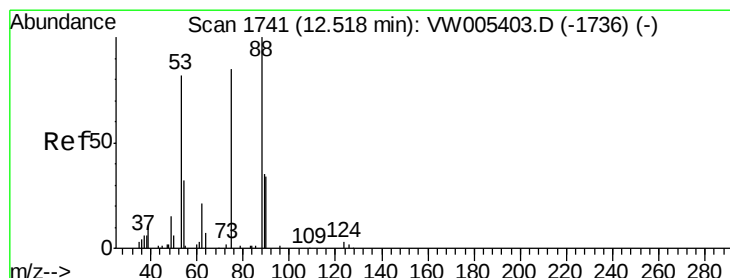
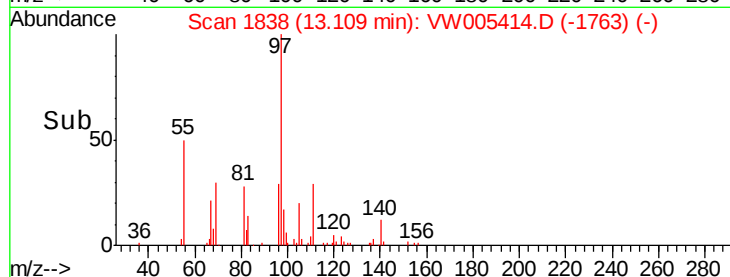
1000

500

0

Time--> 13.00 13.10 13.20

13.11



#81

trans-1,4-Dichloro-2-butene

Concen: 12.084 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. -0.04 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

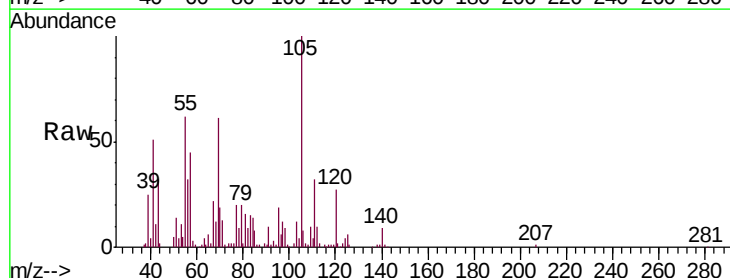
Tgt Ion: 75 Resp: 1029

Ion Ratio Lower Upper

75 100

53 0.0 83.2 124.8#

89 100.4 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

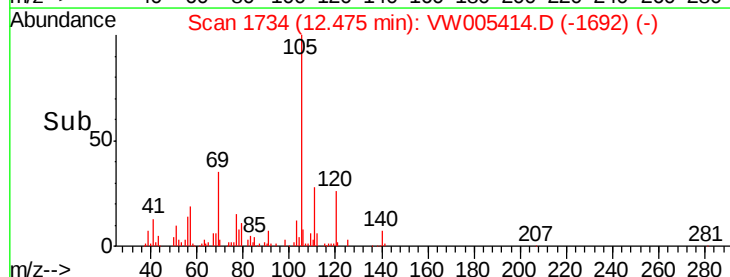
10000

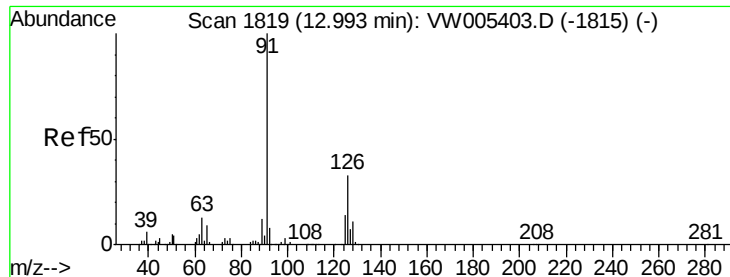
5000

0

Time--> 12.40 12.50

12.47

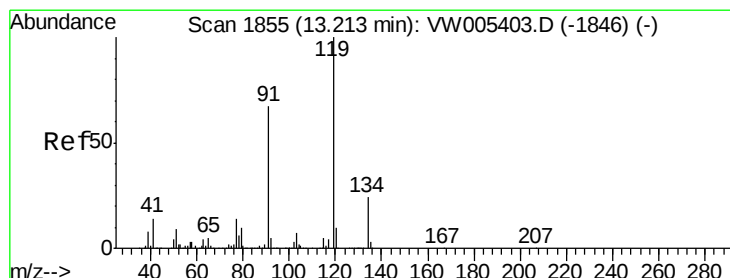
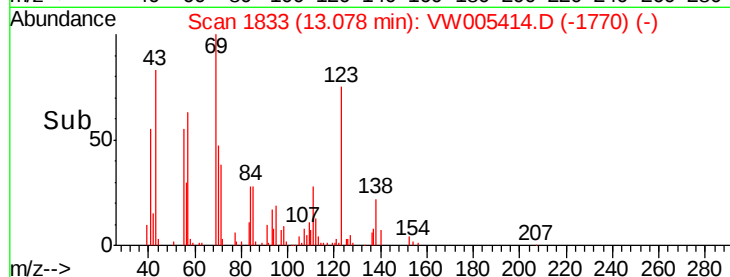
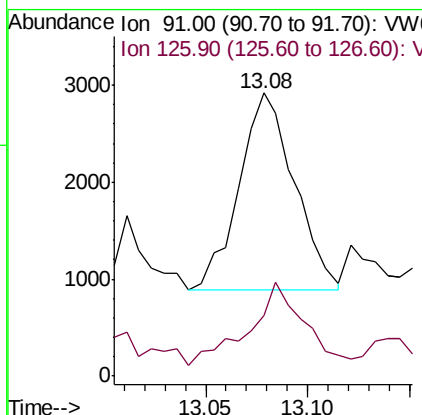
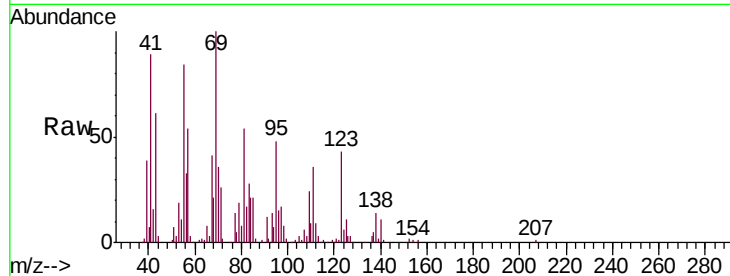




#82
4-Chlorotoluene
Concen: 2.699 ug/l
RT: 13.08 min Scan# 1833
Delta R.T. 0.08 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

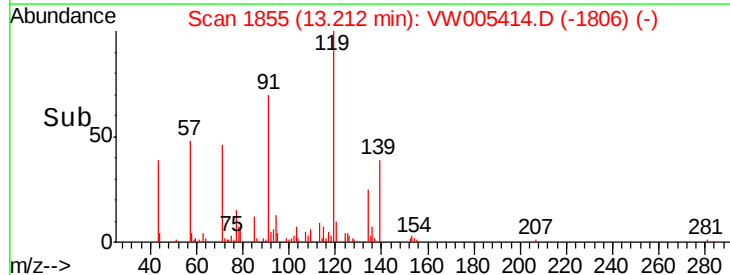
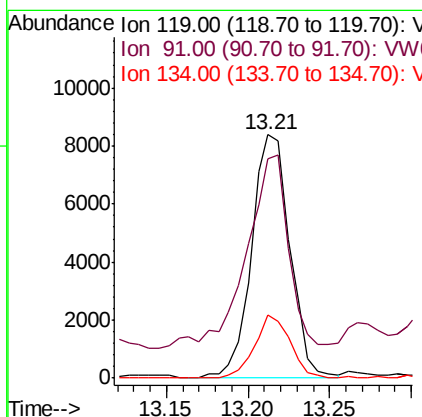
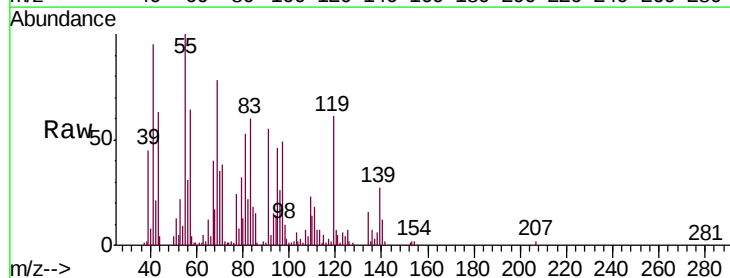
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

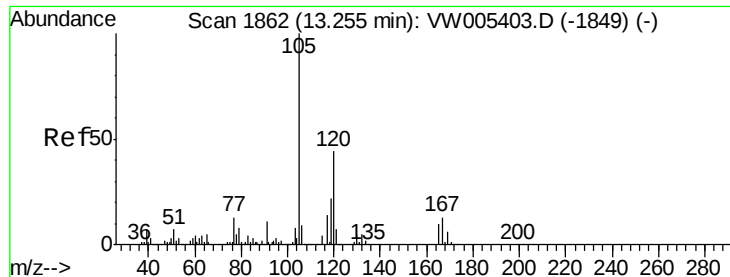
Tgt Ion: 91 Resp: 3822
Ion Ratio Lower Upper
91 100
126 42.5 16.4 49.1



#83
tert-Butylbenzene
Concen: 10.062 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 119 Resp: 13740
Ion Ratio Lower Upper
119 100
91 87.4 34.4 103.2
134 23.8 12.7 38.0

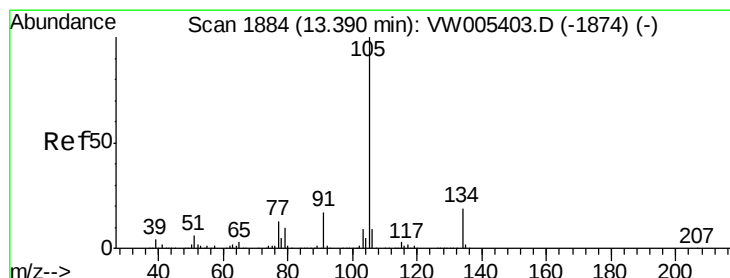
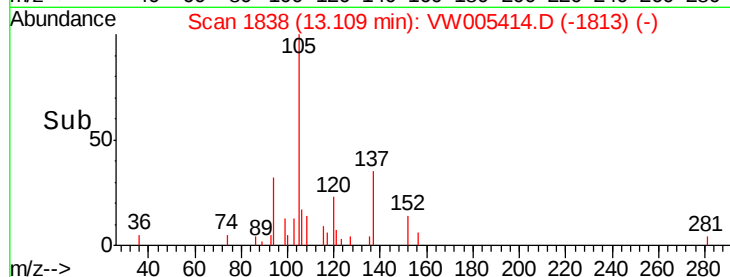
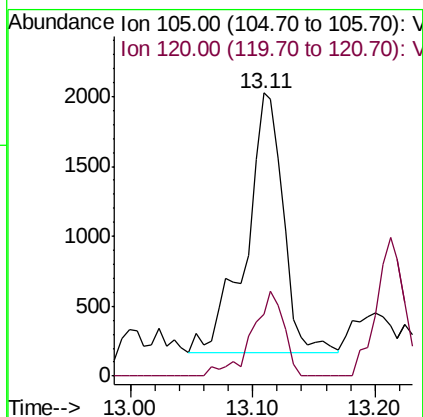
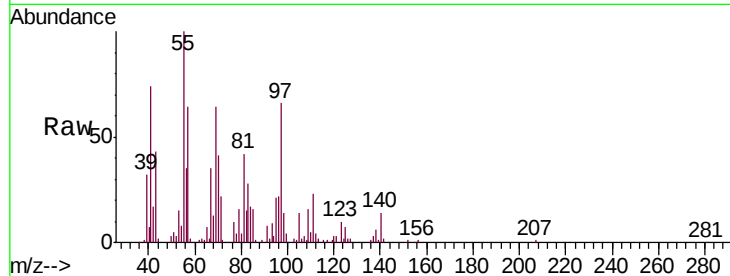




#84
 1,2,4-Trimethylbenzene
 Concen: 2.362 ug/l
 RT: 13.11 min Scan# 1838
 Delta R.T. -0.15 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

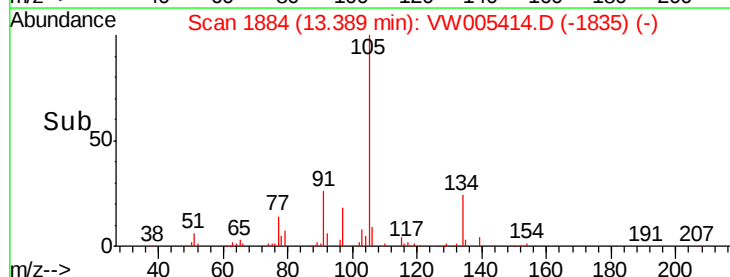
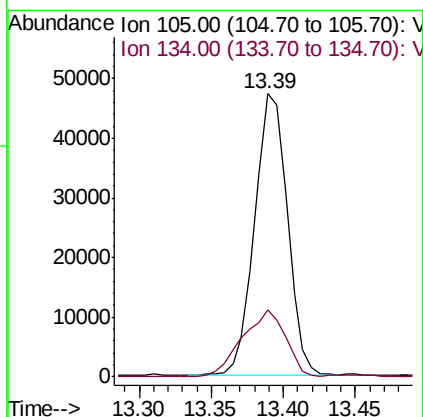
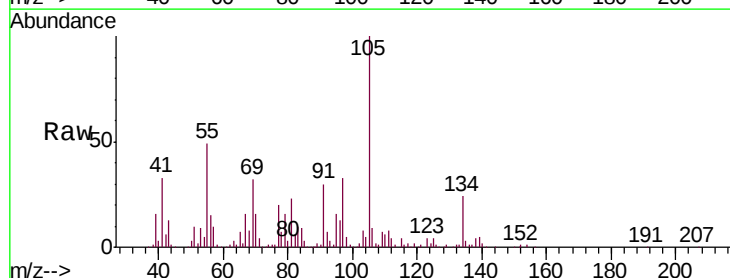
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-9

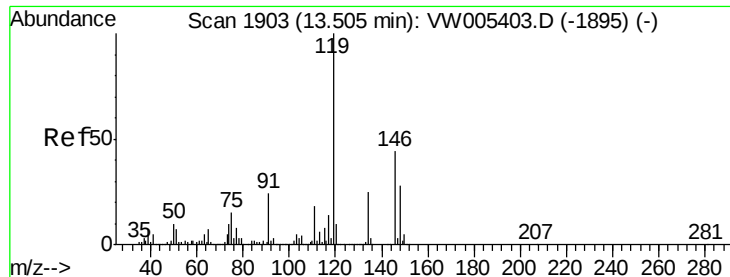
Tgt Ion:105 Resp: 3942
 Ion Ratio Lower Upper
 105 100
 120 28.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 37.742 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Tgt Ion:105 Resp: 74469
 Ion Ratio Lower Upper
 105 100
 134 31.5 9.8 29.5#

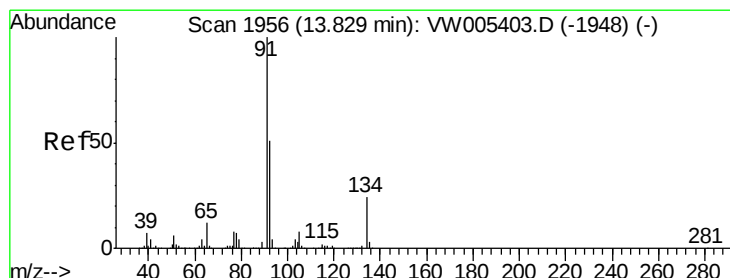
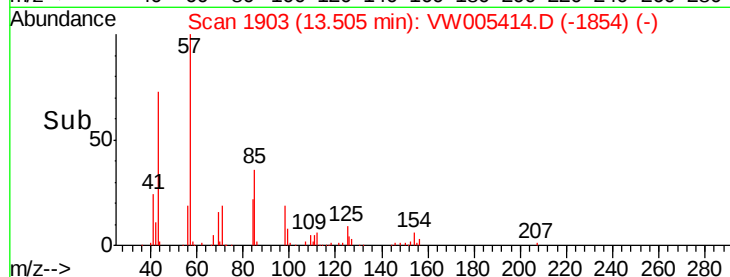
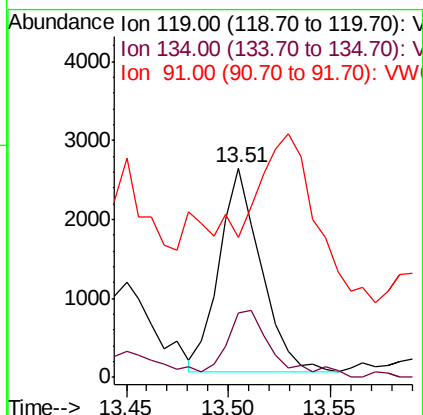
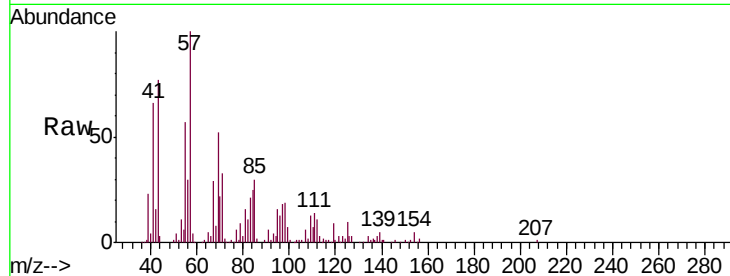




#86
p-Isopropyltoluene
Concen: 2.070 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

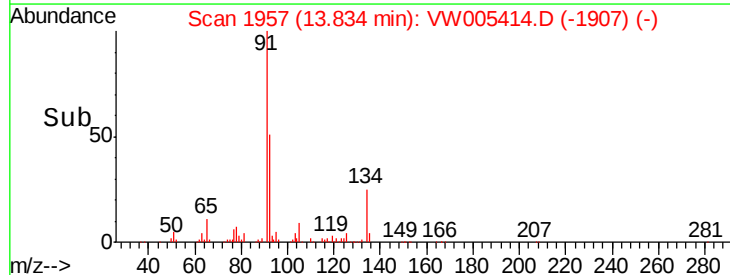
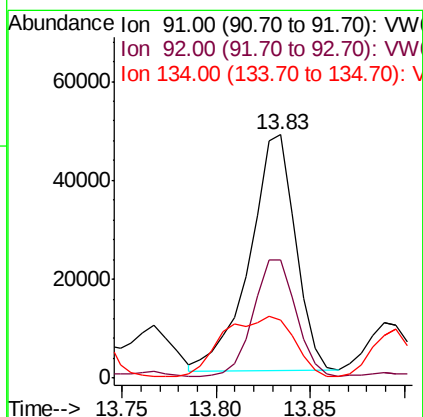
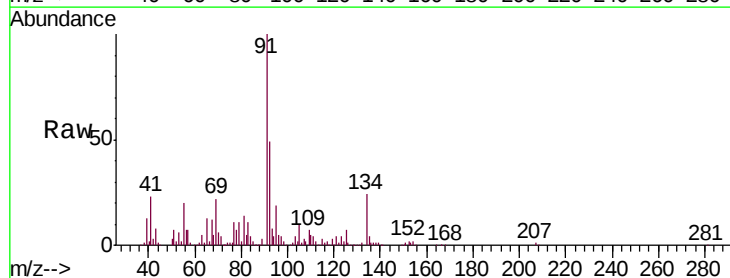
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

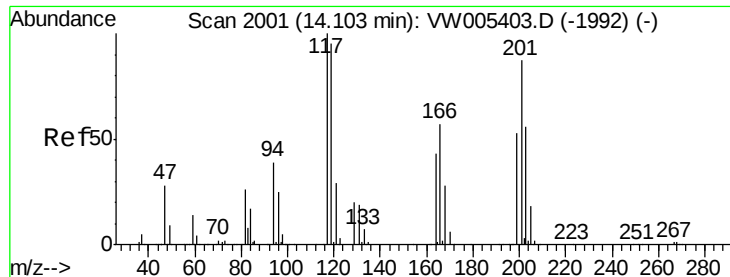
Tgt Ion:119 Resp: 3653
Ion Ratio Lower Upper
119 100
134 36.2 12.6 37.8
91 0.0 12.0 36.0#



#89
n-Butylbenzene
Concen: 49.166 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 91 Resp: 80785
Ion Ratio Lower Upper
91 100
92 46.8 26.2 78.6
134 41.2 12.7 38.1#





#90

Hexachloroethane

Concen: 87.343 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

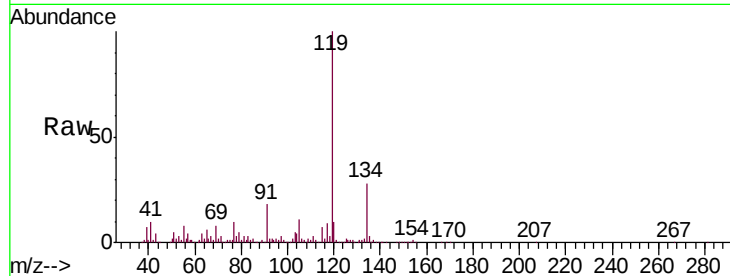
SP-PIT-9

Tgt Ion:117 Resp: 26407

Ion Ratio Lower Upper

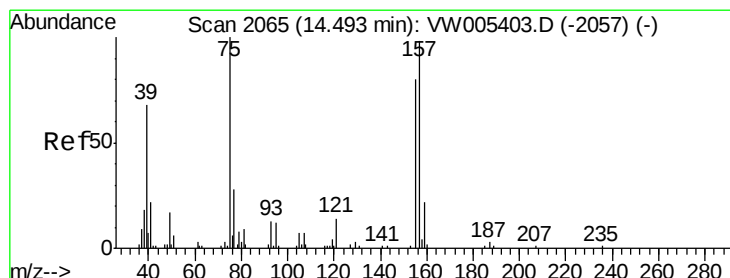
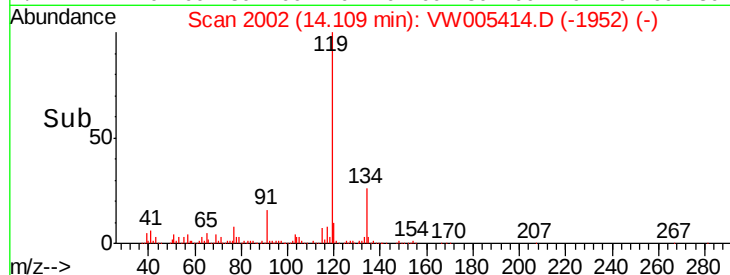
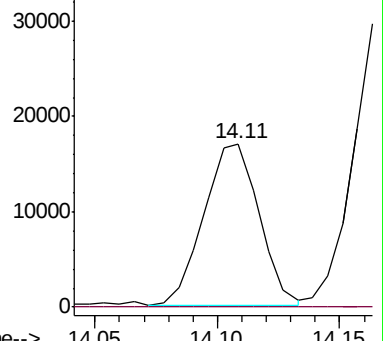
117 100

201 0.0 42.5 127.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.624 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

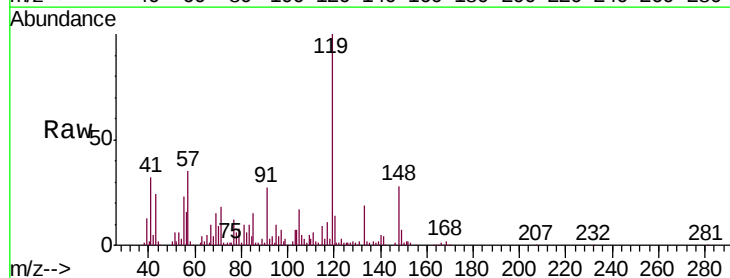
Tgt Ion: 75 Resp: 772

Ion Ratio Lower Upper

75 100

155 22.0 39.0 117.0#

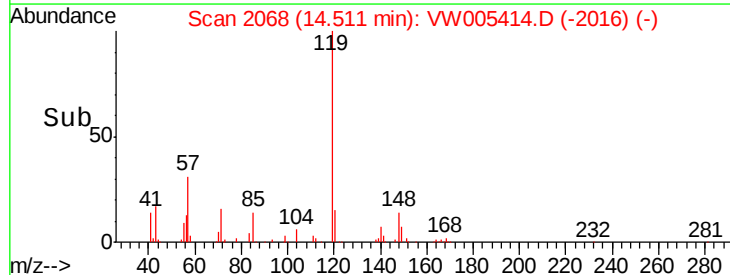
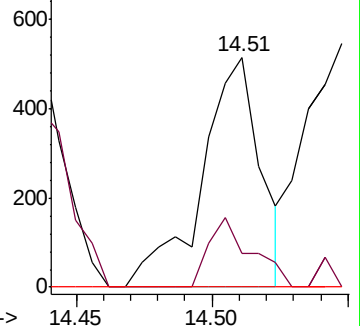
157 0.0 49.9 149.6#

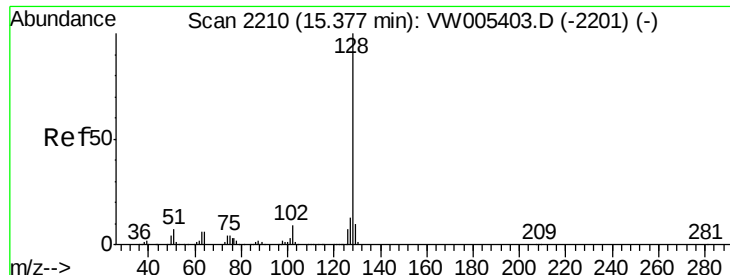


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.615 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.7	13.1#

